

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041801.D
 Acq On : 10 Jun 2024 11:39
 Operator : JC/MD
 Sample : VX0610WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 03:45:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	177248	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	254409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126676	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	103564	47.640	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.280%		
35) Dibromofluoromethane	5.385	113	82906	47.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.260%		
50) Toluene-d8	8.647	98	294431	47.906	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.820%		
62) 4-Bromofluorobenzene	11.079	95	110168	48.567	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.140%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	29745	19.099	ug/l	99
3) Chloromethane	1.301	50	30823	18.139	ug/l	97
4) Vinyl Chloride	1.374	62	32057	18.325	ug/l	96
5) Bromomethane	1.599	94	21050	17.278	ug/l	100
6) Chloroethane	1.666	64	19512	18.454	ug/l	100
7) Trichlorofluoromethane	1.868	101	58116	20.344	ug/l	98
8) Diethyl Ether	2.136	74	24000	21.799	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	31050	19.183	ug/l	89
10) Methyl Iodide	2.447	142	36372	18.020	ug/l	91
11) Tert butyl alcohol	3.002	59	40338	104.894	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	29255	18.516	ug/l	87
13) Acrolein	2.239	56	44913	125.434	ug/l	99
14) Allyl chloride	2.660	41	51758	19.912	ug/l	98
15) Acrylonitrile	3.069	53	97792	103.691	ug/l	98
16) Acetone	2.392	43	98342	101.421	ug/l	99
17) Carbon Disulfide	2.502	76	57319	16.399	ug/l	100
18) Methyl Acetate	2.709	43	49425	23.811	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	106159	20.082	ug/l	99
20) Methylene Chloride	2.788	84	35720	18.361	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	30793	18.784	ug/l	88
22) Diisopropyl ether	3.764	45	108546	20.434	ug/l	95
23) Vinyl Acetate	3.721	43	487761	102.206	ug/l	97
24) 1,1-Dichloroethane	3.605	63	58496	19.474	ug/l	97
25) 2-Butanone	4.568	43	143276	106.045	ug/l	98
26) 2,2-Dichloropropane	4.471	77	46232	18.759	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	38576	19.686	ug/l	92
28) Bromochloromethane	4.891	49	27210	21.032	ug/l #	80
29) Tetrahydrofuran	5.013	42	90064	105.700	ug/l	97
30) Chloroform	5.087	83	62512	19.822	ug/l	96
31) Cyclohexane	5.464	56	47882	18.656	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	53527	19.368	ug/l	99
36) 1,1-Dichloropropene	5.690	75	39522	18.556	ug/l	97
37) Ethyl Acetate	4.721	43	53514	19.909	ug/l	99
38) Carbon Tetrachloride	5.672	117	45063	18.623	ug/l	96
39) Methylcyclohexane	7.373	83	50287	19.218	ug/l	97
40) Benzene	6.031	78	129342	19.429	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041801.D
 Acq On : 10 Jun 2024 11:39
 Operator : JC/MD
 Sample : VX0610WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 03:45:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27770	21.125	ug/l	92
42) 1,2-Dichloroethane	6.080	62	50207	20.202	ug/l	97
43) Isopropyl Acetate	6.342	43	81092	19.982	ug/l	98
44) Trichloroethene	7.123	130	34503	19.056	ug/l	87
45) 1,2-Dichloropropane	7.428	63	32979	20.835	ug/l	100
46) Dibromomethane	7.580	93	24390	20.090	ug/l #	80
47) Bromodichloromethane	7.818	83	44565	19.825	ug/l	96
48) Methyl methacrylate	7.696	41	40210	20.633	ug/l	95
49) 1,4-Dioxane	7.665	88	17552	412.197	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	283253	107.637	ug/l	100
52) Toluene	8.714	92	82256	19.469	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	43596	19.702	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	48640	19.871	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	34793	20.429	ug/l	98
56) Ethyl methacrylate	9.116	69	54382	20.920	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57100	20.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	116632	95.301	ug/l	96
59) 2-Hexanone	9.433	43	221256	110.281	ug/l	100
60) Dibromochloromethane	9.519	129	37036	19.603	ug/l	100
61) 1,2-Dibromoethane	9.610	107	36258	20.171	ug/l	98
64) Tetrachloroethene	9.269	164	34351	19.535	ug/l	90
65) Chlorobenzene	10.079	112	98081	19.479	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	33694	19.285	ug/l	98
67) Ethyl Benzene	10.195	91	157175	19.587	ug/l	98
68) m/p-Xylenes	10.299	106	125453	39.299	ug/l	94
69) o-Xylene	10.640	106	61844	19.474	ug/l	95
70) Styrene	10.653	104	104778	19.976	ug/l	96
71) Bromoform	10.799	173	28731	18.882	ug/l #	99
73) Isopropylbenzene	10.963	105	160186	20.386	ug/l	98
74) N-amyl acetate	10.842	43	72080	20.708	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	57757	20.712	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45892m	20.763	ug/l	
77) Bromobenzene	11.195	156	45849	19.767	ug/l	80
78) n-propylbenzene	11.305	91	178128	20.644	ug/l	98
79) 2-Chlorotoluene	11.366	91	112741	20.329	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	133490	20.347	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	15091	18.609	ug/l	98
82) 4-Chlorotoluene	11.451	91	128613	20.385	ug/l	94
83) tert-Butylbenzene	11.713	119	140286	19.851	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	137755	20.724	ug/l	96
85) sec-Butylbenzene	11.890	105	167773	20.707	ug/l	96
86) p-Isopropyltoluene	12.006	119	147263	20.724	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	82357	19.882	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	84422	19.771	ug/l	96
89) n-Butylbenzene	12.329	91	115344	20.505	ug/l	98
90) Hexachloroethane	12.536	117	22903	18.950	ug/l	66
91) 1,2-Dichlorobenzene	12.335	146	84687	20.071	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11711	20.788	ug/l	66
93) 1,2,4-Trichlorobenzene	13.591	180	55420	19.930	ug/l	96
94) Hexachlorobutadiene	13.725	225	27762	20.151	ug/l	98
95) Naphthalene	13.774	128	168534	20.538	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	57591	20.123	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
Data File : VX041801.D
Acq On : 10 Jun 2024 11:39
Operator : JC/MD
Sample : VX0610WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 03:45:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

