

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
 Data File : VX041766.D
 Acq On : 06 Jun 2024 10:47
 Operator : JC/MD
 Sample : VX0606WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2024
 Supervised By : Mahesh Dadoda 06/07/2024

Quant Time: Jun 07 00:56:50 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	5.550	168	177714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	261181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108670	49.858	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.720%		
35) Dibromofluoromethane	5.385	113	85892	47.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.120%		
50) Toluene-d8	8.647	98	307332	48.708	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.420%		
62) 4-Bromofluorobenzene	11.079	95	112748	48.415	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29586	18.947	ug/l	98
3) Chloromethane	1.300	50	31326	18.386	ug/l	99
4) Vinyl Chloride	1.374	62	31727	18.089	ug/l	98
5) Bromomethane	1.599	94	21165	17.327	ug/l	100
6) Chloroethane	1.666	64	21266	20.060	ug/l	99
7) Trichlorofluoromethane	1.867	101	51577	18.008	ug/l	96
8) Diethyl Ether	2.136	74	19757	17.898	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	29306	18.058	ug/l	89
10) Methyl Iodide	2.447	142	38096	18.824	ug/l	91
11) Tert butyl alcohol	2.995	59	40739	105.659	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	28213	17.810	ug/l	90
13) Acrolein	2.239	56	39499	110.024	ug/l	99
14) Allyl chloride	2.660	41	50617	19.422	ug/l	99
15) Acrylonitrile	3.068	53	93612	98.999	ug/l	98
16) Acetone	2.392	43	94734	97.291	ug/l	96
17) Carbon Disulfide	2.501	76	57182	16.317	ug/l	99
18) Methyl Acetate	2.709	43	43859	21.074	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	99289	18.733	ug/l	99
20) Methylene Chloride	2.788	84	33433	17.140	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	29362	17.864	ug/l	92
22) Diisopropyl ether	3.763	45	102026	19.156	ug/l	98
23) Vinyl Acetate	3.721	43	459371	96.005	ug/l	98
24) 1,1-Dichloroethane	3.605	63	56684	18.821	ug/l	100
25) 2-Butanone	4.568	43	141023	104.103	ug/l	100
26) 2,2-Dichloropropane	4.471	77	44307	17.931	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	36688	18.673	ug/l	92
28) Bromochloromethane	4.897	49	24710	19.050	ug/l	# 82
29) Tetrahydrofuran	5.013	42	86721	101.510	ug/l	96
30) Chloroform	5.092	83	59942	18.957	ug/l	90
31) Cyclohexane	5.464	56	45979	17.868	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	51100	18.441	ug/l	99
36) 1,1-Dichloropropene	5.696	75	38440	17.580	ug/l	97
37) Ethyl Acetate	4.721	43	51752	18.754	ug/l	99
38) Carbon Tetrachloride	5.672	117	43636	17.565	ug/l	95
39) Methylcyclohexane	7.379	83	47879	17.823	ug/l	96
40) Benzene	6.037	78	124823	18.264	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
 Data File : VX041766.D
 Acq On : 06 Jun 2024 10:47
 Operator : JC/MD
 Sample : VX0606WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2024
 Supervised By : Mahesh Dadoda 06/07/2024

Quant Time: Jun 07 00:56:50 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	4.934	41	27770	20.577	ug/l	97
42) 1,2-Dichloroethane	6.086	62	47695	18.694	ug/l	96
43) Isopropyl Acetate	6.348	43	77539	18.611	ug/l	98
44) Trichloroethene	7.129	130	33166	17.843	ug/l	89
45) 1,2-Dichloropropane	7.427	63	30550	18.800	ug/l	100
46) Dibromomethane	7.580	93	23006	18.459	ug/l #	81
47) Bromodichloromethane	7.824	83	41767	18.098	ug/l	99
48) Methyl methacrylate	7.696	41	39215	19.600	ug/l	97
49) 1,4-Dioxane	7.671	88	17632	403.340	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	274881	101.748	ug/l	100
52) Toluene	8.720	92	80499	18.559	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	40569	17.859	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	45073	17.936	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	32738	18.724	ug/l	98
56) Ethyl methacrylate	9.116	69	51238	19.200	ug/l	100
57) 1,3-Dichloropropane	9.311	76	54969	18.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	114912	91.461	ug/l	94
59) 2-Hexanone	9.433	43	213806	103.804	ug/l	99
60) Dibromochloromethane	9.518	129	34819	17.952	ug/l	100
61) 1,2-Dibromoethane	9.610	107	34179	18.522	ug/l	99
64) Tetrachloroethene	9.275	164	32178	17.898	ug/l	91
65) Chlorobenzene	10.079	112	93622	18.185	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32493	18.189	ug/l	98
67) Ethyl Benzene	10.195	91	152983	18.646	ug/l	99
68) m/p-Xylenes	10.299	106	120297	36.856	ug/l	94
69) o-Xylene	10.640	106	59820	18.423	ug/l	96
70) Styrene	10.659	104	99622	18.576	ug/l	96
71) Bromoform	10.799	173	27244	17.512	ug/l #	100
73) Isopropylbenzene	10.963	105	153973	19.655	ug/l	97
74) N-amyl acetate	10.841	43	69699	20.085	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	53594	19.277	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43364m	19.679	ug/l	
77) Bromobenzene	11.201	156	43396	18.767	ug/l	80
78) n-propylbenzene	11.305	91	167613	19.485	ug/l	97
79) 2-Chlorotoluene	11.366	91	107191	19.387	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	127535	19.498	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	13749	17.006	ug/l	93
82) 4-Chlorotoluene	11.457	91	120059	19.087	ug/l	94
83) tert-Butylbenzene	11.713	119	139810	19.843	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	130110	19.633	ug/l	95
85) sec-Butylbenzene	11.890	105	158385	19.608	ug/l	97
86) p-Isopropyltoluene	12.012	119	138300	19.522	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	77072	18.663	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	77233	18.143	ug/l	95
89) n-Butylbenzene	12.335	91	104263	18.591	ug/l	96
90) Hexachloroethane	12.536	117	22095	18.337	ug/l	67
91) 1,2-Dichlorobenzene	12.335	146	79014	18.784	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10850	19.318	ug/l	60
93) 1,2,4-Trichlorobenzene	13.591	180	48329	17.432	ug/l	96
94) Hexachlorobutadiene	13.725	225	24588	17.902	ug/l	98
95) Naphthalene	13.774	128	154026	18.827	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	51613	18.089	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
Data File : VX041766.D
Acq On : 06 Jun 2024 10:47
Operator : JC/MD
Sample : VX0606WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2024
Supervised By :Mahesh Dadoda 06/07/2024

Quant Time: Jun 07 00:56:50 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

