

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040450.D
 Acq On : 26 Feb 2024 10:30
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

Quant Time: Feb 27 04:52:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 04:43:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	28826	19.378	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.760%#		
35) Dibromofluoromethane	5.385	113	20741	19.878	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.760%#		
50) Toluene-d8	8.647	98	73346	19.365	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.740%#		
62) 4-Bromofluorobenzene	11.079	95	27931	19.346	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.700%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21419	19.352	ug/l	96
3) Chloromethane	1.294	50	22880	20.841	ug/l	100
4) Vinyl Chloride	1.374	62	24289	20.460	ug/l	100
5) Bromomethane	1.599	94	15062	22.830	ug/l	100
6) Chloroethane	1.678	64	15455	20.571	ug/l	97
7) Trichlorofluoromethane	1.886	101	37676	20.094	ug/l	99
8) Diethyl Ether	2.130	74	13373	20.405	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	20364	20.177	ug/l	97
10) Methyl Iodide	2.453	142	18176	19.621	ug/l	97
11) Tert butyl alcohol	2.959	59	25098	100.366	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	20462	20.194	ug/l	96
13) Acrolein	2.233	56	14055	87.668	ug/l	99
14) Allyl chloride	2.666	41	36703	20.704	ug/l	97
15) Acrylonitrile	3.062	53	64107	102.202	ug/l	98
16) Acetone	2.380	43	49459	101.954	ug/l	95
17) Carbon Disulfide	2.508	76	54563	19.445	ug/l	99
18) Methyl Acetate	2.703	43	27838	18.614	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	69928	20.232	ug/l	98
20) Methylene Chloride	2.788	84	23267	20.042	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	21811	20.183	ug/l	98
22) Diisopropyl ether	3.757	45	73721	20.694	ug/l	97
23) Vinyl Acetate	3.721	43	342094	104.831	ug/l	98
24) 1,1-Dichloroethane	3.611	63	42378	20.399	ug/l	99
25) 2-Butanone	4.556	43	86273	102.073	ug/l	100
26) 2,2-Dichloropropane	4.477	77	32032	19.366	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	25602	20.251	ug/l	98
28) Bromochloromethane	4.897	49	16121	18.551	ug/l #	16
29) Tetrahydrofuran	5.001	42	61077	103.585	ug/l	99
30) Chloroform	5.092	83	44136	20.016	ug/l	94
31) Cyclohexane	5.464	56	34763	20.627	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	37108	19.717	ug/l	97
36) 1,1-Dichloropropene	5.696	75	32313	20.100	ug/l	100
37) Ethyl Acetate	4.708	43	35112	19.957	ug/l	99
38) Carbon Tetrachloride	5.678	117	31123	20.040	ug/l	96
39) Methylcyclohexane	7.379	83	35881	20.673	ug/l	97
40) Benzene	6.037	78	88359	20.301	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040450.D
 Acq On : 26 Feb 2024 10:30
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

Quant Time: Feb 27 04:52:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 04:43:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18795	19.125	ug/l	92
42) 1,2-Dichloroethane	6.080	62	37754	20.958	ug/l	99
43) Isopropyl Acetate	6.336	43	55738	20.190	ug/l	99
44) Trichloroethene	7.123	130	23124	19.755	ug/l	94
45) 1,2-Dichloropropane	7.427	63	23688	20.336	ug/l	95
46) Dibromomethane	7.580	93	17596	20.547	ug/l	99
47) Bromodichloromethane	7.818	83	33187	19.682	ug/l	95
48) Methyl methacrylate	7.690	41	28188	20.429	ug/l	93
49) 1,4-Dioxane	7.659	88	11089	424.837	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	193676	106.111	ug/l	98
52) Toluene	8.720	92	55626	20.825	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	34723	20.292	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	37269	20.262	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23477	21.179	ug/l	96
56) Ethyl methacrylate	9.116	69	35052	20.451	ug/l	94
57) 1,3-Dichloropropane	9.305	76	39486	20.451	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	88581	98.572	ug/l	95
59) 2-Hexanone	9.427	43	150161	107.005	ug/l	97
60) Dibromochloromethane	9.519	129	24745	20.552	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25507	21.087	ug/l	98
64) Tetrachloroethene	9.269	164	19675	20.004	ug/l	98
65) Chlorobenzene	10.079	112	60088	20.164	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21248	20.233	ug/l	98
67) Ethyl Benzene	10.195	91	113449	20.798	ug/l	99
68) m/p-Xylenes	10.299	106	84188	41.331	ug/l	95
69) o-Xylene	10.640	106	41488	21.296	ug/l	99
70) Styrene	10.652	104	67274	20.714	ug/l	98
71) Bromoform	10.799	173	17384	20.222	ug/l #	99
73) Isopropylbenzene	10.963	105	110387	21.139	ug/l	99
74) N-amyl acetate	10.841	43	50126	20.668	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	39698	21.020	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31573m	20.232	ug/l	
77) Bromobenzene	11.195	156	25724	20.833	ug/l	98
78) n-propylbenzene	11.305	91	135376	20.900	ug/l	96
79) 2-Chlorotoluene	11.366	91	79876	20.485	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	94663	21.315	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	9576	20.369	ug/l #	89
82) 4-Chlorotoluene	11.451	91	92773	20.575	ug/l	100
83) tert-Butylbenzene	11.713	119	86951	20.767	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	92304	20.948	ug/l	97
85) sec-Butylbenzene	11.890	105	115209	20.945	ug/l	99
86) p-Isopropyltoluene	12.006	119	93524	20.627	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	50304	20.439	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	50905	20.317	ug/l	99
89) n-Butylbenzene	12.329	91	91991	20.622	ug/l	95
90) Hexachloroethane	12.536	117	14176	18.786	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	48852	20.829	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9352	21.241	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	31652	20.678	ug/l	96
94) Hexachlorobutadiene	13.725	225	12760	20.397	ug/l	97
95) Naphthalene	13.774	128	103825	21.226	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	30208	20.761	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
Data File : VX040450.D
Acq On : 26 Feb 2024 10:30
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024
Supervised By :Semsettin Yesilyurt 02/27/2024

Quant Time: Feb 27 04:52:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 04:43:02 2024
Response via : Initial Calibration

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

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

