

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040164.D
 Acq On : 07 Feb 2024 19:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2024
 Supervised By : Semsettin Yesilyurt 02/08/2024

Quant Time: Feb 08 00:37:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	74274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49394	54.092	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.180%			
35) Dibromofluoromethane	5.385	113	34589	47.704	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.400%			
50) Toluene-d8	8.647	98	142123	52.413	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.820%			
62) 4-Bromofluorobenzene	11.079	95	36329	34.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 69.580%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36057	56.421	ug/l	94
3) Chloromethane	1.301	50	38552	63.609	ug/l	94
4) Vinyl Chloride	1.374	62	40323	71.938	ug/l	98
5) Bromomethane	1.599	94	49886	91.551	ug/l	98
6) Chloroethane	1.679	64	26048	70.391	ug/l	99
7) Trichlorofluoromethane	1.880	101	60726	68.092	ug/l	100
8) Diethyl Ether	2.136	74	22512	71.400	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	26139	39.282	ug/l	91
10) Methyl Iodide	2.453	142	40207	56.762	ug/l	98
11) Tert butyl alcohol	2.971	59	53185	320.994	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	26488	41.506	ug/l	93
13) Acrolein	2.233	56	39006	245.715	ug/l	99
14) Allyl chloride	2.660	41	70531	61.314	ug/l	94
15) Acrylonitrile	3.062	53	134210	323.361	ug/l	100
16) Acetone	2.380	43	98159	229.423	ug/l	93
17) Carbon Disulfide	2.508	76	104640	56.081	ug/l	97
18) Methyl Acetate	2.703	43	62637	61.797	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	131970	60.368	ug/l	97
20) Methylene Chloride	2.788	84	41855	55.048	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	39410	56.075	ug/l	97
22) Diisopropyl ether	3.764	45	145587	65.338	ug/l	95
23) Vinyl Acetate	3.721	43	692818	347.426	ug/l	98
24) 1,1-Dichloroethane	3.605	63	77396	60.647	ug/l	99
25) 2-Butanone	4.556	43	191298	321.641	ug/l	99
26) 2,2-Dichloropropane	4.471	77	51566	51.786	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	45173	57.604	ug/l	100
28) Bromochloromethane	4.898	49	32988	55.434	ug/l	92
29) Tetrahydrofuran	5.007	42	128463	339.701	ug/l	97
30) Chloroform	5.093	83	77851	56.812	ug/l	92
31) Cyclohexane	5.471	56	67902	59.364	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	64748	55.057	ug/l	95
36) 1,1-Dichloropropene	5.696	75	58740	56.015	ug/l	99
37) Ethyl Acetate	4.715	43	72598	63.392	ug/l	98
38) Carbon Tetrachloride	5.678	117	51661	51.488	ug/l	99
39) Methylcyclohexane	7.379	83	66795	52.353	ug/l	98
40) Benzene	6.038	78	169927	55.636	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40292	69.375	ug/l	97
42) 1,2-Dichloroethane	6.086	62	67430	57.352	ug/l	99
43) Isopropyl Acetate	6.342	43	115365	63.879	ug/l	98
44) Trichloroethene	7.123	130	27678	34.436	ug/l	86
45) 1,2-Dichloropropane	7.434	63	46822	58.062	ug/l	97
46) Dibromomethane	7.580	93	32048	52.947	ug/l	92
47) Bromodichloromethane	7.824	83	62577	58.047	ug/l	99
48) Methyl methacrylate	7.696	41	61174	68.762	ug/l	95
49) 1,4-Dioxane	7.659	88	23126	1196.222	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	411752	333.988	ug/l	97
52) Toluene	8.720	92	110794	58.200	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	64473	57.663	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	71285	59.749	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	43684	55.438	ug/l #	85
56) Ethyl methacrylate	9.116	69	74603	64.835	ug/l	93
57) 1,3-Dichloropropane	9.305	76	74710	57.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	173850	300.453	ug/l	93
59) 2-Hexanone	9.433	43	314900	320.359	ug/l	98
60) Dibromochloromethane	9.519	129	43059	54.384	ug/l	97
61) 1,2-Dibromoethane	9.610	107	46830	54.971	ug/l	97
64) Tetrachloroethene	9.275	164	32609	67.474	ug/l	94
65) Chlorobenzene	10.086	112	90474	58.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	25601	49.379	ug/l	95
67) Ethyl Benzene	10.195	91	156369	56.768	ug/l	98
68) m/p-Xylenes	10.299	106	150603	145.332	ug/l	99
69) o-Xylene	10.640	106	71730	72.973	ug/l	92
70) Styrene	10.653	104	121203	73.159	ug/l	97
71) Bromoform	10.799	173	19730	47.054	ug/l #	99
73) Isopropylbenzene	10.964	105	201646	79.053	ug/l	98
74) N-amyl acetate	10.842	43	96195	76.876	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	59479	62.022	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	53799m	71.121	ug/l	
77) Bromobenzene	11.195	156	30794	52.336	ug/l	88
78) n-propylbenzene	11.305	91	189648	60.419	ug/l	95
79) 2-Chlorotoluene	11.366	91	107092	56.672	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	157414	71.791	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15015	60.775	ug/l	95
82) 4-Chlorotoluene	11.451	91	168172	77.539	ug/l	97
83) tert-Butylbenzene	11.713	119	116798	55.666	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	124570	56.934	ug/l	98
85) sec-Butylbenzene	11.890	105	156883	56.436	ug/l	96
86) p-Isopropyltoluene	12.006	119	122618	54.018	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	60448	50.925	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	61727	50.801	ug/l	99
89) n-Butylbenzene	12.329	91	166265	75.463	ug/l	92
90) Hexachloroethane	12.536	117	20431	54.638	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	79893	69.807	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13452	61.881	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	34575	48.328	ug/l	98
94) Hexachlorobutadiene	13.725	225	10027	35.580	ug/l	99
95) Naphthalene	13.774	128	142667	58.712	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	34949	49.407	ug/l	98

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

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