

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040819.D
 Acq On : 28 Mar 2024 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 04:20:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	46000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	74331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	66252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	33953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41121	53.164	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.320%			
35) Dibromofluoromethane	5.379	113	28001	50.345	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	8.647	98	95273	50.027	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.060%			
62) 4-Bromofluorobenzene	11.079	95	37221	49.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29265	49.162	ug/l	96
3) Chloromethane	1.301	50	25683	42.182	ug/l	97
4) Vinyl Chloride	1.374	62	27394	47.516	ug/l	98
5) Bromomethane	1.599	94	19384	49.876	ug/l	98
6) Chloroethane	1.685	64	16982	41.906	ug/l	96
7) Trichlorofluoromethane	1.886	101	48806	48.382	ug/l	99
8) Diethyl Ether	2.130	74	15772	48.642	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	27613	47.602	ug/l	98
10) Methyl Iodide	2.453	142	33973	44.234	ug/l	98
11) Tert butyl alcohol	2.953	59	32842	265.157	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	25003	46.017	ug/l	99
13) Acrolein	2.233	56	19583	267.169	ug/l	96
14) Allyl chloride	2.666	41	46338	47.586	ug/l	89
15) Acrylonitrile	3.056	53	79603	260.342	ug/l	98
16) Acetone	2.374	43	80075	292.281	ug/l	100
17) Carbon Disulfide	2.514	76	63216	40.505	ug/l	98
18) Methyl Acetate	2.697	43	35602	48.487	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	95338	50.839	ug/l	99
20) Methylene Chloride	2.788	84	27980	46.722	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	26497	46.195	ug/l	98
22) Diisopropyl ether	3.751	45	95523	50.271	ug/l	88
23) Vinyl Acetate	3.715	43	464014	258.344	ug/l	98
24) 1,1-Dichloroethane	3.605	63	52757	48.339	ug/l	98
25) 2-Butanone	4.544	43	116078	270.508	ug/l	99
26) 2,2-Dichloropropane	4.471	77	47027	49.386	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	32070	48.267	ug/l	98
28) Bromochloromethane	4.891	49	25217	50.518	ug/l	99
29) Tetrahydrofuran	4.995	42	74898	262.408	ug/l	98
30) Chloroform	5.086	83	59489	50.913	ug/l	100
31) Cyclohexane	5.471	56	41566	45.230	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	51987	51.763	ug/l	98
36) 1,1-Dichloropropene	5.690	75	37786	46.141	ug/l	98
37) Ethyl Acetate	4.708	43	47461	51.038	ug/l	98
38) Carbon Tetrachloride	5.678	117	45395	49.249	ug/l	94
39) Methylcyclohexane	7.373	83	43919	48.409	ug/l	96
40) Benzene	6.037	78	110156	48.713	ug/l	99

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 Quant Title : SW846 8260
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Reviewed By : John Carlone 03/29/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	26715	55.556	ug/l	97
42) 1,2-Dichloroethane	6.080	62	49234	53.804	ug/l	97
43) Isopropyl Acetate	6.330	43	77574	53.123	ug/l	98
44) Trichloroethene	7.123	130	28206	52.039	ug/l	97
45) 1,2-Dichloropropane	7.427	63	27462	51.762	ug/l	97
46) Dibromomethane	7.574	93	22422	53.361	ug/l	99
47) Bromodichloromethane	7.818	83	45508	53.003	ug/l	97
48) Methyl methacrylate	7.690	41	39032	58.482	ug/l	95
49) 1,4-Dioxane	7.653	88	12856	1141.335	ug/l #	93
51) 4-Methyl-2-Pentanone	8.568	43	243501	268.887	ug/l	96
52) Toluene	8.714	92	65629	48.663	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	45487	51.213	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	45934	50.005	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	27832	50.676	ug/l	97
56) Ethyl methacrylate	9.110	69	47887	52.164	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	46776	49.911	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	116314	241.421	ug/l	98
59) 2-Hexanone	9.427	43	190889	272.109	ug/l	96
60) Dibromochloromethane	9.519	129	33705	52.225	ug/l	100
61) 1,2-Dibromoethane	9.610	107	29105	50.185	ug/l	99
64) Tetrachloroethene	9.269	164	23371	47.359	ug/l	96
65) Chlorobenzene	10.079	112	76234	50.733	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	26756	52.325	ug/l	99
67) Ethyl Benzene	10.189	91	137348	51.038	ug/l	96
68) m/p-Xylenes	10.299	106	99255	100.739	ug/l	92
69) o-Xylene	10.640	106	46206	48.817	ug/l	89
70) Styrene	10.653	104	81490	51.430	ug/l	96
71) Bromoform	10.799	173	22673	54.288	ug/l #	99
73) Isopropylbenzene	10.957	105	129801	50.384	ug/l	99
74) N-amyl acetate	10.842	43	67302	53.059	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	45639	52.329	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39215m	53.702	ug/l	
77) Bromobenzene	11.195	156	31553	50.600	ug/l	98
78) n-propylbenzene	11.305	91	166015	52.263	ug/l	97
79) 2-Chlorotoluene	11.360	91	98003	53.469	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	116062	53.739	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15262	52.873	ug/l	97
82) 4-Chlorotoluene	11.451	91	119240	51.868	ug/l	98
83) tert-Butylbenzene	11.713	119	113235	52.275	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	114905	52.862	ug/l	99
85) sec-Butylbenzene	11.890	105	143039	51.928	ug/l	100
86) p-Isopropyltoluene	12.006	119	117653	51.509	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60703	50.975	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	60769	48.051	ug/l	99
89) n-Butylbenzene	12.329	91	118704	51.535	ug/l	96
90) Hexachloroethane	12.536	117	21562	54.212	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	58540	50.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11265	51.730	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	41481	49.887	ug/l	98
94) Hexachlorobutadiene	13.725	225	15612	47.635	ug/l	97
95) Naphthalene	13.774	128	137250	52.174	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	40665	49.778	ug/l	98

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QLast Update : Fri Mar 22 02:44:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

