

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043412.D
 Acq On : 15 Oct 2024 17:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/16/2024
 Supervised By : Mahesh Dadoda 10/16/2024

Quant Time: Oct 16 07:33:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	88539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79199	54.772	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.540%			
35) Dibromofluoromethane	5.385	113	57716	54.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.020%			
50) Toluene-d8	8.647	98	189314	51.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.240%			
62) 4-Bromofluorobenzene	11.079	95	72134	53.616	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53566	52.012	ug/l	95
3) Chloromethane	1.301	50	53342	50.291	ug/l	100
4) Vinyl Chloride	1.374	62	55802	52.523	ug/l	95
5) Bromomethane	1.599	94	21995	50.673	ug/l	99
6) Chloroethane	1.666	64	20289	51.282	ug/l	99
7) Trichlorofluoromethane	1.868	101	81699	51.467	ug/l	95
8) Diethyl Ether	2.136	74	33210	53.760	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	52492	52.989	ug/l	100
10) Methyl Iodide	2.447	142	66016	53.058	ug/l	99
11) Tert butyl alcohol	3.008	59	82743	300.707	ug/l	99
12) 1,1-Dichloroethene	2.313	96	49395	50.213	ug/l	99
13) Acrolein	2.239	56	56304	216.646	ug/l	99
14) Allyl chloride	2.660	41	83788	51.845	ug/l	99
15) Acrylonitrile	3.069	53	149979	266.931	ug/l	100
16) Acetone	2.392	43	155721	257.879	ug/l	100
17) Carbon Disulfide	2.502	76	104374	43.622	ug/l	98
18) Methyl Acetate	2.709	43	78782	52.007	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	195301	55.493	ug/l	99
20) Methylene Chloride	2.788	84	56767	50.986	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	52631	53.759	ug/l	97
22) Diisopropyl ether	3.770	45	177923	54.735	ug/l	88
23) Vinyl Acetate	3.721	43	809849	217.953	ug/l	99
24) 1,1-Dichloroethane	3.605	63	104903	55.395	ug/l	99
25) 2-Butanone	4.568	43	225920	272.862	ug/l	99
26) 2,2-Dichloropropane	4.471	77	96190	53.386	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	65610	53.735	ug/l	99
28) Bromochloromethane	4.898	49	35002	46.850	ug/l	98
29) Tetrahydrofuran	5.013	42	139969	265.370	ug/l	99
30) Chloroform	5.093	83	111144	53.444	ug/l	99
31) Cyclohexane	5.464	56	83094	53.257	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	102803	53.819	ug/l	99
36) 1,1-Dichloropropene	5.690	75	71660	53.080	ug/l	99
37) Ethyl Acetate	4.721	43	86539	53.379	ug/l	99
38) Carbon Tetrachloride	5.672	117	84213	52.693	ug/l	99
39) Methylcyclohexane	7.379	83	90879	53.523	ug/l	99
40) Benzene	6.031	78	217941	53.246	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46629	55.253	ug/l	97
42) 1,2-Dichloroethane	6.086	62	91715	54.987	ug/l	100
43) Isopropyl Acetate	6.348	43	143921	53.746	ug/l	100
44) Trichloroethene	7.123	130	55774	51.374	ug/l	97
45) 1,2-Dichloropropane	7.428	63	53512	53.273	ug/l	96
46) Dibromomethane	7.580	93	43389	53.905	ug/l	98
47) Bromodichloromethane	7.824	83	82482	52.122	ug/l	99
48) Methyl methacrylate	7.696	41	71475	54.400	ug/l	98
49) 1,4-Dioxane	7.665	88	27764	1087.063	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	440786	271.027	ug/l	100
52) Toluene	8.714	92	133716	52.125	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	83759	53.265	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	89154	52.861	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	54218	53.181	ug/l	98
56) Ethyl methacrylate	9.116	69	92675	55.601	ug/l	99
57) 1,3-Dichloropropane	9.305	76	93920	54.089	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	209885	279.360	ug/l	99
59) 2-Hexanone	9.433	43	336582	273.671	ug/l	100
60) Dibromochloromethane	9.519	129	58299	49.292	ug/l	97
61) 1,2-Dibromoethane	9.610	107	57117	52.145	ug/l	100
64) Tetrachloroethene	9.269	164	48726	53.093	ug/l	92
65) Chlorobenzene	10.079	112	146621	51.563	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	52183	51.899	ug/l	98
67) Ethyl Benzene	10.189	91	258740	52.644	ug/l	100
68) m/p-Xylenes	10.299	106	192242	103.501	ug/l	99
69) o-Xylene	10.640	106	96760	52.425	ug/l	99
70) Styrene	10.653	104	160328	53.601	ug/l	99
71) Bromoform	10.799	173	38707	50.254	ug/l #	97
73) Isopropylbenzene	10.963	105	251401	51.701	ug/l	99
74) N-amyl acetate	10.842	43	121456	52.616	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	83319	52.597	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	71064m	51.225	ug/l	
77) Bromobenzene	11.195	156	59691	50.442	ug/l	99
78) n-propylbenzene	11.305	91	280839	52.610	ug/l	99
79) 2-Chlorotoluene	11.366	91	174255	50.775	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	206950	51.593	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26694	49.868	ug/l	95
82) 4-Chlorotoluene	11.451	91	200411	51.263	ug/l	100
83) tert-Butylbenzene	11.713	119	209633	50.728	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	208886	51.757	ug/l	99
85) sec-Butylbenzene	11.890	105	253975	51.843	ug/l	99
86) p-Isopropyltoluene	12.006	119	214976	52.598	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	107091	51.374	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	105259	48.978	ug/l	99
89) n-Butylbenzene	12.329	91	184429	53.899	ug/l	99
90) Hexachloroethane	12.536	117	37657	49.127	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	109172	51.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19505	50.432	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	64598	52.562	ug/l	100
94) Hexachlorobutadiene	13.725	225	26154	53.682	ug/l	97
95) Naphthalene	13.774	128	232518	51.465	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65922	51.988	ug/l	98

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

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