

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032395.D
 Acq On : 26 Oct 2022 03:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 14:22:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	125980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203380	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88240	53.842	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.680%			
35) Dibromofluoromethane	5.385	113	70290	49.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.340%			
50) Toluene-d8	8.653	98	248032	48.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.380%			
62) 4-Bromofluorobenzene	11.079	95	98942	53.037	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52831	45.838	ug/l	97
3) Chloromethane	1.294	50	48986	43.651	ug/l	92
4) Vinyl Chloride	1.374	62	56826	45.779	ug/l	99
5) Bromomethane	1.611	94	66288	51.004	ug/l	97
6) Chloroethane	1.685	64	40014	35.790	ug/l	99
7) Trichlorofluoromethane	1.886	101	110033	49.863	ug/l	100
8) Diethyl Ether	2.130	74	38068	50.764	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	58541	48.933	ug/l	99
10) Methyl Iodide	2.453	142	64373	37.234	ug/l	97
11) Tert butyl alcohol	2.977	59	62453	272.684	ug/l	98
12) 1,1-Dichloroethene	2.319	96	54228	48.226	ug/l	94
13) Acrolein	2.239	56	34621	173.535	ug/l	99
14) Allyl chloride	2.666	41	88911	50.344	ug/l	97
15) Acrylonitrile	3.062	53	158088	257.198	ug/l	99
16) Acetone	2.386	43	141816	266.649	ug/l	99
17) Carbon Disulfide	2.514	76	110586	42.008	ug/l	98
18) Methyl Acetate	2.703	43	100924	55.895	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	208861	53.902	ug/l	98
20) Methylene Chloride	2.788	84	64368	47.134	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	58622	47.865	ug/l	97
22) Diisopropyl ether	3.757	45	203740	52.681	ug/l	97
23) Vinyl Acetate	3.721	43	812692	262.918	ug/l	100
24) 1,1-Dichloroethane	3.611	63	116101	51.958	ug/l	99
25) 2-Butanone	4.556	43	221758	267.062	ug/l	97
26) 2,2-Dichloropropane	4.477	77	68603	42.612	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	74239	51.771	ug/l	100
28) Bromochloromethane	4.903	49	46330	50.255	ug/l	97
29) Tetrahydrofuran	5.007	42	141751	264.311	ug/l	100
30) Chloroform	5.099	83	128448	52.813	ug/l	98
31) Cyclohexane	5.470	56	89981	48.027	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	115918	55.891	ug/l	99
36) 1,1-Dichloropropene	5.696	75	87207	47.902	ug/l	99
37) Ethyl Acetate	4.715	43	88122	49.438	ug/l	100
38) Carbon Tetrachloride	5.678	117	100028	52.048	ug/l	97
39) Methylcyclohexane	7.385	83	98911	45.481	ug/l	100
40) Benzene	6.037	78	252557	47.865	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	50231	53.442	ug/l	97
42) 1,2-Dichloroethane	6.092	62	106103	52.499	ug/l	99
43) Isopropyl Acetate	6.342	43	149435	53.415	ug/l	99
44) Trichloroethene	7.129	130	70697	48.656	ug/l	97
45) 1,2-Dichloropropane	7.434	63	67429	50.658	ug/l	97
46) Dibromomethane	7.586	93	50554	50.922	ug/l	99
47) Bromodichloromethane	7.824	83	99161	54.070	ug/l	98
48) Methyl methacrylate	7.696	41	76918	55.129	ug/l	97
49) 1,4-Dioxane	7.690	88	29083	1038.636	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	470171	268.102	ug/l	100
52) Toluene	8.720	92	166618	48.747	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	98630	47.809	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	104981	51.374	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	72301	52.071	ug/l	97
56) Ethyl methacrylate	9.116	69	108315	54.164	ug/l	99
57) 1,3-Dichloropropane	9.311	76	116191	51.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	216151	235.815	ug/l	99
59) 2-Hexanone	9.433	43	350816	268.096	ug/l	99
60) Dibromochloromethane	9.525	129	80054	56.254	ug/l	99
61) 1,2-Dibromoethane	9.610	107	76754	52.144	ug/l	99
64) Tetrachloroethene	9.275	164	58285	47.311	ug/l	99
65) Chlorobenzene	10.079	112	188973	49.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	72697	53.115	ug/l	99
67) Ethyl Benzene	10.195	91	337532	49.841	ug/l	99
68) m/p-Xylenes	10.305	106	261126	97.638	ug/l	98
69) o-Xylene	10.646	106	129305	50.469	ug/l	99
70) Styrene	10.659	104	219089	50.709	ug/l	98
71) Bromoform	10.799	173	58542	50.398	ug/l #	99
73) Isopropylbenzene	10.963	105	349141	48.950	ug/l	100
74) N-amyl acetate	10.841	43	141834	53.826	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	113505	49.499	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100863m	50.925	ug/l	
77) Bromobenzene	11.201	156	86557	49.510	ug/l	99
78) n-propylbenzene	11.305	91	403485	49.404	ug/l	100
79) 2-Chlorotoluene	11.366	91	246464	50.072	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	305916	49.655	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29152	46.457	ug/l	99
82) 4-Chlorotoluene	11.457	91	288940	50.420	ug/l	100
83) tert-Butylbenzene	11.713	119	308478	50.044	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	303547	50.678	ug/l	100
85) sec-Butylbenzene	11.890	105	372503	50.005	ug/l	100
86) p-Isopropyltoluene	12.012	119	320962	50.637	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	163582	48.613	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	167216	48.376	ug/l	99
89) n-Butylbenzene	12.335	91	272806	48.865	ug/l	100
90) Hexachloroethane	12.542	117	52720	53.601	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	163891	49.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25080	57.248	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	100672	46.813	ug/l	99
94) Hexachlorobutadiene	13.725	225	41432	44.390	ug/l	99
95) Naphthalene	13.774	128	346785	50.349	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102062	47.185	ug/l	98

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

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