

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050922\
 Data File : VX028562.D
 Acq On : 09 May 2022 09:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/10/2022
 Supervised By :Mahesh Dadoda 05/10/2022

Quant Time: May 09 15:48:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	314476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	484741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	256754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	195509	47.680	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.360%		
35) Dibromofluoromethane	5.385	113	181564	53.410	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.820%		
50) Toluene-d8	8.647	98	627171	48.035	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.060%		
62) 4-Bromofluorobenzene	11.079	95	249041	49.885	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	119497	58.865	ug/l	100
3) Chloromethane	1.294	50	114563	56.282	ug/l	97
4) Vinyl Chloride	1.374	62	142370	44.907	ug/l	98
5) Bromomethane	1.599	94	146518	52.239	ug/l	99
6) Chloroethane	1.679	64	105627	46.291	ug/l	98
7) Trichlorofluoromethane	1.886	101	278855	39.888	ug/l	100
8) Diethyl Ether	2.130	74	106955	50.982	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	155189	60.939	ug/l	98
10) Methyl Iodide	2.447	142	185862	53.014	ug/l	97
11) Tert butyl alcohol	2.965	59	175847	222.857	ug/l	99
12) 1,1-Dichloroethene	2.319	96	135907	56.234	ug/l	95
13) Acrolein	2.233	56	369774	735.830	ug/l	98
14) Allyl chloride	2.660	41	202045	49.822	ug/l	93
15) Acrylonitrile	3.062	53	435999	260.923	ug/l	100
16) Acetone	2.374	43	361475	288.844	ug/l	95
17) Carbon Disulfide	2.508	76	275698	42.360	ug/l	98
18) Methyl Acetate	2.697	43	186517	51.160	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	536544	53.238	ug/l	97
20) Methylene Chloride	2.788	84	165673	54.454	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	152332	46.346	ug/l	98
22) Diisopropyl ether	3.757	45	469467	50.826	ug/l #	89
23) Vinyl Acetate	3.721	43	2025862	251.050	ug/l	99
24) 1,1-Dichloroethane	3.605	63	283282	51.941	ug/l	99
25) 2-Butanone	4.550	43	576793	237.519	ug/l	98
26) 2,2-Dichloropropane	4.471	77	249017	46.764	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	196186	50.059	ug/l	93
28) Bromochloromethane	4.897	49	105695	45.171	ug/l	91
29) Tetrahydrofuran	4.995	42	359949	227.324	ug/l	100
30) Chloroform	5.093	83	324540	49.550	ug/l	100
31) Cyclohexane	5.471	56	211065	42.250	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	283279	47.763	ug/l	99
36) 1,1-Dichloropropene	5.690	75	212609	47.947	ug/l	97
37) Ethyl Acetate	4.708	43	220904	49.096	ug/l	99
38) Carbon Tetrachloride	5.678	117	253693	50.680	ug/l	99
39) Methylcyclohexane	7.379	83	242045	43.261	ug/l	97
40) Benzene	6.037	78	647296	49.868	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	123191	53.068	ug/l	98
42) 1,2-Dichloroethane	6.080	62	237495	49.290	ug/l	100
43) Isopropyl Acetate	6.336	43	364268	49.745	ug/l	98
44) Trichloroethene	7.123	130	195316	51.889	ug/l	97
45) 1,2-Dichloropropane	7.427	63	166172	52.302	ug/l	97
46) Dibromomethane	7.580	93	126996	50.955	ug/l	98
47) Bromodichloromethane	7.818	83	258520	53.969	ug/l	97
48) Methyl methacrylate	7.690	41	169504	50.418	ug/l	92
49) 1,4-Dioxane	7.659	88	78396	871.653	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1193165	253.913	ug/l	98
52) Toluene	8.720	92	442253	49.042	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	267393	52.524	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	285012	52.135	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	195792	53.437	ug/l	98
56) Ethyl methacrylate	9.116	69	279671	52.657	ug/l #	92
57) 1,3-Dichloropropane	9.305	76	308026	52.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	652957	262.026	ug/l	95
59) 2-Hexanone	9.433	43	919911	252.722	ug/l	95
60) Dibromochloromethane	9.519	129	219709	55.005	ug/l	97
61) 1,2-Dibromoethane	9.610	107	206094	51.272	ug/l	99
64) Tetrachloroethene	9.275	164	190836	53.434	ug/l	97
65) Chlorobenzene	10.079	112	508906	52.203	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	203014	55.904	ug/l	99
67) Ethyl Benzene	10.195	91	866077	52.982	ug/l	96
68) m/p-Xylenes	10.299	106	697668	104.866	ug/l	96
69) o-Xylene	10.640	106	347618	52.406	ug/l	96
70) Styrene	10.659	104	594197	55.294	ug/l	99
71) Bromoform	10.799	173	172265	51.305	ug/l	100
73) Isopropylbenzene	10.963	105	918514	52.048	ug/l	100
74) N-amyl acetate	10.842	43	333356	54.652	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	308655	53.897	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	281887m	55.785	ug/l	
77) Bromobenzene	11.201	156	240152	52.251	ug/l	91
78) n-propylbenzene	11.305	91	1060919	54.215	ug/l	98
79) 2-Chlorotoluene	11.366	91	632413	51.981	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	782576	52.240	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	92617	54.468	ug/l	94
82) 4-Chlorotoluene	11.457	91	733880	52.366	ug/l	96
83) tert-Butylbenzene	11.713	119	803234	52.510	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	785880	52.775	ug/l	98
85) sec-Butylbenzene	11.890	105	974992	52.832	ug/l	98
86) p-Isopropyltoluene	12.012	119	842552	52.921	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	470184	54.444	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	473879	52.260	ug/l	98
89) n-Butylbenzene	12.335	91	704550	53.893	ug/l	98
90) Hexachloroethane	12.542	117	148168	51.659	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	467874	54.537	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65345	51.308	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	296890	58.184	ug/l	100
94) Hexachlorobutadiene	13.725	225	128706	56.527	ug/l	92
95) Naphthalene	13.780	128	971617	57.161	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	296394	59.178	ug/l	96

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

