

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
 Data File : VX028526.D
 Acq On : 04 May 2022 17:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2022
 Supervised By : Mahesh Dadoda 05/05/2022

Quant Time: May 05 03:19:45 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	347027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	534796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	505006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	274575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	207689	45.900	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.800%		
35) Dibromofluoromethane	5.385	113	193976	51.720	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.440%		
50) Toluene-d8	8.647	98	689516	47.867	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.740%		
62) 4-Bromofluorobenzene	11.079	95	270059	49.032	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	131603	58.748	ug/l	100
3) Chloromethane	1.288	50	128852	57.413	ug/l	99
4) Vinyl Chloride	1.374	62	158018	45.168	ug/l	99
5) Bromomethane	1.599	94	154179	49.360	ug/l	99
6) Chloroethane	1.679	64	113787	45.107	ug/l	99
7) Trichlorofluoromethane	1.880	101	300442	38.945	ug/l	98
8) Diethyl Ether	2.130	74	113653	48.970	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	166401	59.213	ug/l	97
10) Methyl Iodide	2.453	142	189894	49.472	ug/l	98
11) Tert butyl alcohol	2.971	59	191264	219.511	ug/l	99
12) 1,1-Dichloroethene	2.319	96	146650	54.987	ug/l	92
13) Acrolein	2.233	56	106984	192.923	ug/l	100
14) Allyl chloride	2.660	41	214537	47.940	ug/l	94
15) Acrylonitrile	3.062	53	468192	253.907	ug/l	99
16) Acetone	2.380	43	381773	276.389	ug/l	96
17) Carbon Disulfide	2.508	76	307461	42.810	ug/l	99
18) Methyl Acetate	2.703	43	205303	51.031	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	571804	51.415	ug/l	99
20) Methylene Chloride	2.788	84	178741	53.239	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	167717	46.241	ug/l	91
22) Diisopropyl ether	3.757	45	497987	48.857	ug/l #	87
23) Vinyl Acetate	3.721	43	2150758	241.528	ug/l	98
24) 1,1-Dichloroethane	3.605	63	301566	50.107	ug/l	99
25) 2-Butanone	4.550	43	629042	234.737	ug/l	99
26) 2,2-Dichloropropane	4.477	77	255568	43.492	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	212570	49.152	ug/l	92
28) Bromochloromethane	4.897	49	112575	43.598	ug/l	88
29) Tetrahydrofuran	5.001	42	395153	226.149	ug/l	99
30) Chloroform	5.093	83	348580	48.228	ug/l	98
31) Cyclohexane	5.471	56	233032	42.271	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	303315	46.344	ug/l	99
36) 1,1-Dichloropropene	5.690	75	233359	47.701	ug/l	98
37) Ethyl Acetate	4.708	43	245864	49.529	ug/l	99
38) Carbon Tetrachloride	5.678	117	268552	48.627	ug/l	99
39) Methylcyclohexane	7.379	83	270613	43.840	ug/l	95
40) Benzene	6.037	78	707652	49.416	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	132176	51.609	ug/l	99
42) 1,2-Dichloroethane	6.086	62	253993	47.781	ug/l	100
43) Isopropyl Acetate	6.336	43	396742	49.108	ug/l	98
44) Trichloroethene	7.123	130	211529	50.937	ug/l	100
45) 1,2-Dichloropropane	7.428	63	178095	50.808	ug/l	97
46) Dibromomethane	7.580	93	138668	50.431	ug/l	99
47) Bromodichloromethane	7.824	83	270139	51.116	ug/l	98
48) Methyl methacrylate	7.690	41	185606	50.040	ug/l	93
49) 1,4-Dioxane	7.659	88	87104	877.828	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1300709	250.891	ug/l	98
52) Toluene	8.720	92	483506	48.599	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	279409	49.747	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	304083	50.417	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	212420	52.549	ug/l	98
56) Ethyl methacrylate	9.116	69	312297	53.297	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	332652	50.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	701030	254.987	ug/l	94
59) 2-Hexanone	9.433	43	999626	248.918	ug/l	96
60) Dibromochloromethane	9.525	129	231528	52.539	ug/l	98
61) 1,2-Dibromoethane	9.610	107	225057	50.749	ug/l	99
64) Tetrachloroethene	9.275	164	204001	51.717	ug/l	98
65) Chlorobenzene	10.079	112	557431	51.771	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	217112	54.130	ug/l	99
67) Ethyl Benzene	10.195	91	947300	52.469	ug/l	96
68) m/p-Xylenes	10.305	106	763061	103.845	ug/l	95
69) o-Xylene	10.640	106	377721	51.558	ug/l	97
70) Styrene	10.659	104	641612	54.058	ug/l	99
71) Bromoform	10.799	173	182424	49.339	ug/l	99
73) Isopropylbenzene	10.963	105	994743	52.709	ug/l	99
74) N-amyl acetate	10.842	43	357533	54.811	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	335315	54.752	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	291875m	54.013	ug/l	
77) Bromobenzene	11.201	156	260971	53.096	ug/l	90
78) n-propylbenzene	11.305	91	1120860	53.560	ug/l	97
79) 2-Chlorotoluene	11.366	91	674000	51.804	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	834093	52.066	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	93086	51.191	ug/l	91
82) 4-Chlorotoluene	11.457	91	778214	51.926	ug/l	96
83) tert-Butylbenzene	11.719	119	862232	52.708	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	839677	52.728	ug/l	98
85) sec-Butylbenzene	11.890	105	1036898	52.539	ug/l	98
86) p-Isopropyltoluene	12.012	119	887161	52.106	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	493221	53.405	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	498863	51.445	ug/l	99
89) n-Butylbenzene	12.335	91	736952	52.713	ug/l	97
90) Hexachloroethane	12.542	117	151236	49.389	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	490917	53.509	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	70663	51.882	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	310378	56.880	ug/l	100
94) Hexachlorobutadiene	13.725	225	129191	53.057	ug/l	95
95) Naphthalene	13.774	128	1034655	56.919	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	306378	57.201	ug/l	97

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

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