

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029288.D
 Acq On : 07 Jun 2022 20:29
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: Jun 08 01:56:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 01:54:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	187844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	311091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141944	63.089	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 126.180%			
35) Dibromofluoromethane	5.391	113	123972	57.856	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.720%			
50) Toluene-d8	8.653	98	435669	56.131	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.260%			
62) 4-Bromofluorobenzene	11.085	95	173654	57.401	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	159564	85.373	ug/l	100
3) Chloromethane	1.288	50	159934	81.796	ug/l	100
4) Vinyl Chloride	1.374	62	176022	82.538	ug/l	99
5) Bromomethane	1.612	94	88990	79.397	ug/l	98
6) Chloroethane	1.685	64	79041	60.754	ug/l	96
7) Trichlorofluoromethane	1.886	101	256714	78.615	ug/l	98
8) Diethyl Ether	2.136	74	97760	78.302	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	150403	77.559	ug/l	99
10) Methyl Iodide	2.453	142	190146	86.135	ug/l	97
11) Tert butyl alcohol	2.995	59	213944	379.360	ug/l	96
12) 1,1-Dichloroethene	2.319	96	149738	78.712	ug/l	98
13) Acrolein	2.240	56	86218	352.304	ug/l	99
14) Allyl chloride	2.666	41	240927	82.969	ug/l	96
15) Acrylonitrile	3.069	53	476764	414.058	ug/l	100
16) Acetone	2.392	43	388735	408.541	ug/l	94
17) Carbon Disulfide	2.514	76	368786	72.424	ug/l	99
18) Methyl Acetate	2.709	43	208145	83.763	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	521339	80.577	ug/l	100
20) Methylene Chloride	2.788	84	171220	78.365	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	165082	77.407	ug/l	99
22) Diisopropyl ether	3.764	45	499278	85.331	ug/l	92
23) Vinyl Acetate	3.727	43	2154762	438.763	ug/l	98
24) 1,1-Dichloroethane	3.611	63	294379	82.208	ug/l	99
25) 2-Butanone	4.562	43	647565	419.429	ug/l	99
26) 2,2-Dichloropropane	4.483	77	210101	74.222	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	192475	75.955	ug/l	96
28) Bromochloromethane	4.904	49	114605	79.523	ug/l	98
29) Tetrahydrofuran	5.013	42	428802	430.652	ug/l	95
30) Chloroform	5.099	83	313665	79.989	ug/l	99
31) Cyclohexane	5.477	56	268365	82.638	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	276173	78.423	ug/l	98
36) 1,1-Dichloropropene	5.696	75	232456	78.015	ug/l	100
37) Ethyl Acetate	4.721	43	247933	84.229	ug/l	99
38) Carbon Tetrachloride	5.684	117	237601	71.956	ug/l	98
39) Methylcyclohexane	7.385	83	287185	78.148	ug/l	96
40) Benzene	6.044	78	688505	78.185	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	133171	84.098	ug/l	95
42) 1,2-Dichloroethane	6.092	62	240335	79.891	ug/l	100
43) Isopropyl Acetate	6.342	43	369353	81.164	ug/l	98
44) Trichloroethene	7.129	130	182730	62.881	ug/l	95
45) 1,2-Dichloropropane	7.434	63	169587	79.486	ug/l	98
46) Dibromomethane	7.586	93	123380	75.457	ug/l	94
47) Bromodichloromethane	7.824	83	237904	74.482	ug/l	99
48) Methyl methacrylate	7.696	41	186385	83.430	ug/l	93
49) 1,4-Dioxane	7.690	88	97242	1476.490	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1237794	407.754	ug/l	98
52) Toluene	8.720	92	453974	77.484	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	244877	74.769	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	278080	76.695	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	182329	75.388	ug/l	99
56) Ethyl methacrylate	9.116	69	282919	80.970	ug/l	95
57) 1,3-Dichloropropane	9.311	76	301535	77.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	661891	402.694	ug/l	98
59) 2-Hexanone	9.433	43	957234	406.461	ug/l	96
60) Dibromochloromethane	9.525	129	182690	68.623	ug/l	96
61) 1,2-Dibromoethane	9.610	107	195756	74.908	ug/l	99
64) Tetrachloroethene	9.275	164	164945	63.190	ug/l	95
65) Chlorobenzene	10.080	112	475758	66.039	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	175061	63.704	ug/l	98
67) Ethyl Benzene	10.195	91	870201	70.868	ug/l	99
68) m/p-Xylenes	10.305	106	679592	138.845	ug/l	100
69) o-Xylene	10.647	106	331958	68.861	ug/l	99
70) Styrene	10.659	104	557404	69.452	ug/l	98
71) Bromoform	10.799	173	127246	55.629	ug/l	100
73) Isopropylbenzene	10.964	105	864317	60.637	ug/l	99
74) N-amyl acetate	10.848	43	309086	65.894	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	282305	58.951	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	256038m	59.563	ug/l	
77) Bromobenzene	11.201	156	197395	53.132	ug/l	95
78) n-propylbenzene	11.305	91	991461	62.292	ug/l	100
79) 2-Chlorotoluene	11.366	91	597632	59.628	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	735215	60.345	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	80051	55.730	ug/l	92
82) 4-Chlorotoluene	11.457	91	691444	60.248	ug/l	99
83) tert-Butylbenzene	11.720	119	717280	58.066	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	730235	60.183	ug/l	99
85) sec-Butylbenzene	11.890	105	888507	60.791	ug/l	99
86) p-Isopropyltoluene	12.012	119	746105	58.886	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	379309	54.165	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	378580	52.539	ug/l	98
89) n-Butylbenzene	12.335	91	635469	61.257	ug/l	100
90) Hexachloroethane	12.543	117	116452	51.873	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	381594	55.259	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61424	58.088	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	226093	52.787	ug/l	98
94) Hexachlorobutadiene	13.725	225	90503	46.815	ug/l	94
95) Naphthalene	13.774	128	844013	60.630	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	225796	53.438	ug/l	95

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

