

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029559.D
 Acq On : 18 Jun 2022 08:28
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/23/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 18 10:34:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 10:29:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	260738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	448826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172870	41.443	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.880%		
35) Dibromofluoromethane	5.391	113	149671	40.464	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	80.920%		
50) Toluene-d8	8.653	98	561210	42.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	84.860%#		
62) 4-Bromofluorobenzene	11.085	95	214971	41.833	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	168871	42.604	ug/l	98
3) Chloromethane	1.288	50	164521	38.931	ug/l	99
4) Vinyl Chloride	1.374	62	160181	37.215	ug/l	99
5) Bromomethane	1.611	94	73475	32.577	ug/l	98
6) Chloroethane	1.685	64	95183	41.824	ug/l	96
7) Trichlorofluoromethane	1.886	101	223857	35.877	ug/l	98
8) Diethyl Ether	2.136	74	87833	35.930	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	137356	36.253	ug/l	98
10) Methyl Iodide	2.453	142	153630	37.093	ug/l	98
11) Tert butyl alcohol	2.983	59	179360	151.924	ug/l	98
12) 1,1-Dichloroethene	2.319	96	133962	36.469	ug/l	98
13) Acrolein	2.239	56	44769	106.193	ug/l	100
14) Allyl chloride	2.666	41	218330	36.975	ug/l	95
15) Acrylonitrile	3.068	53	414136	178.845	ug/l	99
16) Acetone	2.386	43	325419	165.481	ug/l	98
17) Carbon Disulfide	2.514	76	348246	38.259	ug/l	99
18) Methyl Acetate	2.709	43	181067	34.629	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	466821	36.832	ug/l	99
20) Methylene Chloride	2.788	84	150330	34.016	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	147940	35.834	ug/l	98
22) Diisopropyl ether	3.763	45	429581	36.336	ug/l	93
23) Vinyl Acetate	3.727	43	1859135	190.204	ug/l	99
24) 1,1-Dichloroethane	3.611	63	256404	35.846	ug/l	99
25) 2-Butanone	4.562	43	550797	177.415	ug/l	98
26) 2,2-Dichloropropane	4.477	77	206146	39.825	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	171477	35.105	ug/l	96
28) Bromochloromethane	4.904	49	96360	34.386	ug/l	99
29) Tetrahydrofuran	5.013	42	371359	183.359	ug/l	95
30) Chloroform	5.099	83	273816	35.433	ug/l	100
31) Cyclohexane	5.477	56	235349	36.098	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	243061	36.527	ug/l	98
36) 1,1-Dichloropropene	5.696	75	202837	34.606	ug/l	99
37) Ethyl Acetate	4.721	43	215250	35.687	ug/l	100
38) Carbon Tetrachloride	5.684	117	204487	34.187	ug/l	98
39) Methylcyclohexane	7.385	83	258469	35.680	ug/l	95
40) Benzene	6.044	78	602205	34.489	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	115490	38.847	ug/l	95
42) 1,2-Dichloroethane	6.092	62	202652	33.564	ug/l	99
43) Isopropyl Acetate	6.342	43	333613	36.619	ug/l	99
44) Trichloroethene	7.129	130	168281	35.125	ug/l	95
45) 1,2-Dichloropropane	7.434	63	145660	34.007	ug/l	99
46) Dibromomethane	7.586	93	107532	34.608	ug/l	94
47) Bromodichloromethane	7.824	83	209282	35.706	ug/l	96
48) Methyl methacrylate	7.696	41	163415	35.801	ug/l	92
49) 1,4-Dioxane	7.684	88	80720	692.689	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1058620	179.054	ug/l	97
52) Toluene	8.720	92	394872	35.324	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	224762	39.417	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	247030	37.613	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	158328	35.002	ug/l	99
56) Ethyl methacrylate	9.116	69	249030	37.973	ug/l	95
57) 1,3-Dichloropropane	9.311	76	259506	34.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	574309	180.037	ug/l	98
59) 2-Hexanone	9.433	43	814054	181.475	ug/l	96
60) Dibromochloromethane	9.525	129	159453	36.515	ug/l	96
61) 1,2-Dibromoethane	9.610	107	167557	34.805	ug/l	99
64) Tetrachloroethene	9.275	164	149202	40.511	ug/l	95
65) Chlorobenzene	10.079	112	412571	38.737	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	151724	41.059	ug/l	98
67) Ethyl Benzene	10.195	91	745320	39.975	ug/l	97
68) m/p-Xylenes	10.305	106	577993	80.245	ug/l	99
69) o-Xylene	10.646	106	285029	40.684	ug/l	97
70) Styrene	10.659	104	483567	41.314	ug/l	98
71) Bromoform	10.799	173	111940	42.622	ug/l #	100
73) Isopropylbenzene	10.963	105	746333	48.943	ug/l	98
74) N-amyl acetate	10.848	43	271022	52.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	237555	46.317	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	220519m	48.833	ug/l	
77) Bromobenzene	11.201	156	170379	47.563	ug/l	95
78) n-propylbenzene	11.305	91	855022	49.434	ug/l	100
79) 2-Chlorotoluene	11.366	91	516446	48.450	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	635333	49.063	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	71546	52.722	ug/l	94
82) 4-Chlorotoluene	11.457	91	586976	47.845	ug/l	100
83) tert-Butylbenzene	11.719	119	615619	49.056	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	630794	49.362	ug/l	99
85) sec-Butylbenzene	11.890	105	776406	50.242	ug/l	100
86) p-Isopropyltoluene	12.012	119	651986	50.328	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	328140	47.987	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	328737	47.225	ug/l	97
89) n-Butylbenzene	12.335	91	554643	50.801	ug/l	99
90) Hexachloroethane	12.542	117	99054	48.290	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	321946	47.688	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53480	49.908	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	202535	50.336	ug/l	98
94) Hexachlorobutadiene	13.725	225	82756	49.283	ug/l	92
95) Naphthalene	13.774	128	733686	51.976	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	199356	49.810	ug/l	96

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

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