

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028258.D
 Acq On : 21 Apr 2022 21:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 22 09:13:12 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Semsettin Yesilyurt 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	306746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	493130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	474696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173413	43.357	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.720%		
35) Dibromofluoromethane	5.391	113	157199	45.456	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.920%		
50) Toluene-d8	8.653	98	579328	43.616	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	87.240%		
62) 4-Bromofluorobenzene	11.085	95	219087	43.138	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117021	59.098	ug/l	100
3) Chloromethane	1.288	50	119253	60.232	ug/l	98
4) Vinyl Chloride	1.374	62	146623	47.414	ug/l	97
5) Bromomethane	1.599	94	127417	45.512	ug/l	98
6) Chloroethane	1.678	64	105893	47.673	ug/l	100
7) Trichlorofluoromethane	1.886	101	282465	41.422	ug/l	99
8) Diethyl Ether	2.136	74	98744	48.077	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	135642	54.606	ug/l	98
10) Methyl Iodide	2.453	142	164647	48.627	ug/l	96
11) Tert butyl alcohol	2.977	59	174815	227.331	ug/l	99
12) 1,1-Dichloroethene	2.319	96	128206	54.384	ug/l	99
13) Acrolein	2.233	56	132271	269.845	ug/l	99
14) Allyl chloride	2.666	41	178103	45.025	ug/l	93
15) Acrylonitrile	3.062	53	375154	230.168	ug/l	99
16) Acetone	2.380	43	308684	252.702	ug/l	95
17) Carbon Disulfide	2.514	76	289045	45.530	ug/l	99
18) Methyl Acetate	2.703	43	163663	46.023	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	468768	47.685	ug/l	99
20) Methylene Chloride	2.788	84	150023	50.553	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	149542	46.644	ug/l	93
22) Diisopropyl ether	3.763	45	406478	45.116	ug/l	91
23) Vinyl Acetate	3.721	43	1787156	227.050	ug/l	99
24) 1,1-Dichloroethane	3.611	63	251337	47.245	ug/l	98
25) 2-Butanone	4.556	43	514154	217.060	ug/l	98
26) 2,2-Dichloropropane	4.477	77	200037	38.512	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	181174	47.393	ug/l	90
28) Bromochloromethane	4.903	49	99029	43.388	ug/l	84
29) Tetrahydrofuran	5.007	42	329514	213.348	ug/l	98
30) Chloroform	5.099	83	291109	45.566	ug/l	99
31) Cyclohexane	5.470	56	210674	43.234	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	265235	45.847	ug/l	98
36) 1,1-Dichloropropene	5.696	75	202443	44.878	ug/l	97
37) Ethyl Acetate	4.715	43	200669	43.840	ug/l	99
38) Carbon Tetrachloride	5.684	117	234848	46.117	ug/l	97
39) Methylcyclohexane	7.385	83	248741	43.702	ug/l	95
40) Benzene	6.044	78	609668	46.171	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	107407	45.481	ug/l	98
42) 1,2-Dichloroethane	6.092	62	215370	43.938	ug/l	100
43) Isopropyl Acetate	6.342	43	321014	43.092	ug/l	98
44) Trichloroethene	7.129	130	181722	47.457	ug/l	97
45) 1,2-Dichloropropane	7.434	63	144865	44.820	ug/l	99
46) Dibromomethane	7.586	93	116752	46.048	ug/l	99
47) Bromodichloromethane	7.824	83	218588	44.857	ug/l	97
48) Methyl methacrylate	7.696	41	150216	43.921	ug/l	93
49) 1,4-Dioxane	7.665	88	84649	925.166	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	1040027	217.559	ug/l	98
52) Toluene	8.720	92	419297	45.706	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	227120	43.854	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	241192	43.369	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	175161	46.993	ug/l	99
56) Ethyl methacrylate	9.116	69	248563	46.004	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	273228	45.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	589873	232.684	ug/l	92
59) 2-Hexanone	9.433	43	819133	221.207	ug/l	96
60) Dibromochloromethane	9.525	129	186380	45.867	ug/l	97
61) 1,2-Dibromoethane	9.610	107	191826	46.911	ug/l	98
64) Tetrachloroethene	9.275	164	173269	46.730	ug/l	98
65) Chlorobenzene	10.079	112	470123	46.451	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	179255	47.545	ug/l	98
67) Ethyl Benzene	10.195	91	808307	47.629	ug/l	98
68) m/p-Xylenes	10.305	106	664049	96.141	ug/l	94
69) o-Xylene	10.646	106	327453	47.550	ug/l	95
70) Styrene	10.659	104	544381	48.795	ug/l	99
71) Bromoform	10.805	173	138748	40.605	ug/l	100
73) Isopropylbenzene	10.963	105	835699	45.372	ug/l	98
74) N-amyl acetate	10.848	43	285879	44.905	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	274480	45.923	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	238837m	45.286	ug/l	
77) Bromobenzene	11.201	156	218370	45.522	ug/l	90
78) n-propylbenzene	11.305	91	945589	46.298	ug/l	96
79) 2-Chlorotoluene	11.366	91	569643	44.861	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	731405	46.780	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	71601	40.345	ug/l	90
82) 4-Chlorotoluene	11.457	91	662208	45.273	ug/l	94
83) tert-Butylbenzene	11.719	119	744728	46.647	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	725048	46.651	ug/l	96
85) sec-Butylbenzene	11.890	105	899297	46.689	ug/l	97
86) p-Isopropyltoluene	12.012	119	786515	47.333	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	426317	47.298	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	437085	46.184	ug/l	99
89) n-Butylbenzene	12.335	91	629851	46.162	ug/l	97
90) Hexachloroethane	12.542	117	124416	41.916	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	432764	48.332	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	60755	45.706	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	269235	50.555	ug/l	100
94) Hexachlorobutadiene	13.725	225	107839	45.379	ug/l	94
95) Naphthalene	13.774	128	919173	51.811	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	266830	51.044	ug/l	97

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

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