

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
 Data File : VX028364.D
 Acq On : 26 Apr 2022 21:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

Quant Time: Apr 27 02:09:00 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	5.556	168	392869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	615526	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	552568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	296671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217391	42.438	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.880%		
35) Dibromofluoromethane	5.391	113	202989	47.025	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.040%		
50) Toluene-d8	8.653	98	720245	43.442	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.880%		
62) 4-Bromofluorobenzene	11.085	95	265511	41.884	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	83.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	179743	70.875	ug/l	99
3) Chloromethane	1.288	50	157733	62.286	ug/l	99
4) Vinyl Chloride	1.374	62	186817	47.169	ug/l	100
5) Bromomethane	1.605	94	197261	57.057	ug/l	98
6) Chloroethane	1.684	64	130222	45.637	ug/l	95
7) Trichlorofluoromethane	1.886	101	351759	40.276	ug/l	98
8) Diethyl Ether	2.136	74	128872	49.054	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	189091	59.436	ug/l	97
10) Methyl Iodide	2.453	142	268460	60.477	ug/l	99
11) Tert butyl alcohol	2.995	59	218489	221.590	ug/l	98
12) 1,1-Dichloroethene	2.319	96	175963	58.280	ug/l	92
13) Acrolein	2.239	56	155930	248.377	ug/l	100
14) Allyl chloride	2.666	41	238519	47.080	ug/l	94
15) Acrylonitrile	3.062	53	486993	233.286	ug/l	99
16) Acetone	2.379	43	479249	306.626	ug/l	96
17) Carbon Disulfide	2.514	76	343411	42.236	ug/l	98
18) Methyl Acetate	2.703	43	224869	49.372	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	623379	49.512	ug/l	97
20) Methylene Chloride	2.788	84	198287	52.169	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	191750	46.698	ug/l	91
22) Diisopropyl ether	3.763	45	531737	46.081	ug/l	90
23) Vinyl Acetate	3.721	43	2327524	230.879	ug/l	99
24) 1,1-Dichloroethane	3.611	63	330392	48.491	ug/l	99
25) 2-Butanone	4.556	43	660869	217.838	ug/l	98
26) 2,2-Dichloropropane	4.477	77	270171	40.612	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	237953	48.601	ug/l	89
28) Bromochloromethane	4.897	49	128593	43.990	ug/l	85
29) Tetrahydrofuran	5.007	42	416848	210.728	ug/l	99
30) Chloroform	5.098	83	373582	45.656	ug/l	98
31) Cyclohexane	5.476	56	268163	42.968	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	336612	45.430	ug/l	97
36) 1,1-Dichloropropene	5.696	75	258872	45.976	ug/l	97
37) Ethyl Acetate	4.714	43	262685	45.977	ug/l	100
38) Carbon Tetrachloride	5.684	117	291972	45.934	ug/l	97
39) Methylcyclohexane	7.385	83	298933	42.076	ug/l	93
40) Benzene	6.043	78	777928	47.198	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	133204	45.189	ug/l	98
42) 1,2-Dichloroethane	6.092	62	272887	44.602	ug/l	99
43) Isopropyl Acetate	6.342	43	425700	45.782	ug/l	98
44) Trichloroethene	7.129	130	234679	49.100	ug/l	95
45) 1,2-Dichloropropane	7.433	63	190748	47.280	ug/l	98
46) Dibromomethane	7.580	93	149468	47.229	ug/l	96
47) Bromodichloromethane	7.824	83	272226	44.755	ug/l	99
48) Methyl methacrylate	7.696	41	197568	46.279	ug/l	94
49) 1,4-Dioxane	7.671	88	99267	869.196	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	1312085	219.892	ug/l	97
52) Toluene	8.720	92	518582	45.288	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	295756	45.751	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	319312	45.998	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	217976	46.851	ug/l	98
56) Ethyl methacrylate	9.116	69	325588	48.277	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	347129	46.226	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	780921	246.792	ug/l	93
59) 2-Hexanone	9.433	43	1006004	217.651	ug/l	96
60) Dibromochloromethane	9.525	129	227980	44.949	ug/l	96
61) 1,2-Dibromoethane	9.610	107	234675	45.978	ug/l	98
64) Tetrachloroethene	9.275	164	197575	45.776	ug/l	98
65) Chlorobenzene	10.079	112	580521	49.275	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	223941	51.027	ug/l	99
67) Ethyl Benzene	10.195	91	989661	50.097	ug/l	97
68) m/p-Xylenes	10.305	106	801247	99.656	ug/l	94
69) o-Xylene	10.646	106	399692	49.861	ug/l	93
70) Styrene	10.658	104	659080	50.750	ug/l	99
71) Bromoform	10.805	173	168349	42.173	ug/l #	99
73) Isopropylbenzene	10.963	105	1024910	50.262	ug/l	99
74) N-amyl acetate	10.847	43	376333	53.396	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	339235	51.267	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	290915m	49.825	ug/l	
77) Bromobenzene	11.201	156	272070	51.231	ug/l	88
78) n-propylbenzene	11.305	91	1134010	50.153	ug/l	96
79) 2-Chlorotoluene	11.366	91	684201	48.671	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	856160	49.463	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	91133	46.384	ug/l	93
82) 4-Chlorotoluene	11.457	91	787762	48.648	ug/l	94
83) tert-Butylbenzene	11.719	119	886141	50.135	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	862331	50.118	ug/l	96
85) sec-Butylbenzene	11.890	105	1030530	48.328	ug/l	97
86) p-Isopropyltoluene	12.012	119	898924	48.865	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	511581	51.268	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	511550	48.824	ug/l	99
89) n-Butylbenzene	12.335	91	720537	47.700	ug/l	97
90) Hexachloroethane	12.542	117	140318	42.667	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	507221	51.168	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	71445	48.550	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	328052	55.641	ug/l	99
94) Hexachlorobutadiene	13.725	225	133050	50.572	ug/l	93
95) Naphthalene	13.774	128	1150551	58.580	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	327104	56.522	ug/l	97

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ALS Vial : 27 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Acq On : 26 Apr 2022 21:15
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

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