

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
 Data File : VX026753.D
 Acq On : 03 Feb 2022 11:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 04 02:32:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/07/2022
 Supervised By :Semsettin Yesilyurt 02/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	96435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57611	42.766	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.540%		
35) Dibromofluoromethane	5.385	113	47638	48.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.700%		
50) Toluene-d8	8.653	98	169746	47.810	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.620%		
62) 4-Bromofluorobenzene	11.079	95	60743	48.161	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	42606	37.415	ug/l	99
3) Chloromethane	1.294	50	40253	38.560	ug/l	100
4) Vinyl Chloride	1.380	62	44905	40.971	ug/l	99
5) Bromomethane	1.611	94	26074	51.571	ug/l	97
6) Chloroethane	1.684	64	27207	49.090	ug/l	100
7) Trichlorofluoromethane	1.892	101	72733	42.033	ug/l	100
8) Diethyl Ether	2.136	74	26918	43.961	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	50686	48.066	ug/l	98
10) Methyl Iodide	2.459	142	64980	56.597	ug/l	97
11) Tert butyl alcohol	2.977	59	46160	246.318	ug/l #	90
12) 1,1-Dichloroethene	2.325	96	46684	46.353	ug/l	90
13) Acrolein	2.239	56	48229	242.196	ug/l	99
14) Allyl chloride	2.666	41	87558	47.274	ug/l	96
15) Acrylonitrile	3.068	53	149106	258.474	ug/l	99
16) Acetone	2.386	43	154355	224.686	ug/l	94
17) Carbon Disulfide	2.514	76	109205	37.139	ug/l	99
18) Methyl Acetate	2.703	43	69904	51.184	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	176084	48.185	ug/l	99
20) Methylene Chloride	2.794	84	53684	47.297	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	50632	46.439	ug/l	98
22) Diisopropyl ether	3.763	45	179941	47.829	ug/l	95
23) Vinyl Acetate	3.727	43	770460	248.788	ug/l	98
24) 1,1-Dichloroethane	3.611	63	97688	48.079	ug/l	99
25) 2-Butanone	4.556	43	220673	247.004	ug/l	97
26) 2,2-Dichloropropane	4.483	77	76785	50.984	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	61343	49.297	ug/l	98
28) Bromochloromethane	4.903	49	36888	44.215	ug/l	96
29) Tetrahydrofuran	5.007	42	134297	253.101	ug/l	98
30) Chloroform	5.099	83	101658	48.154	ug/l	99
31) Cyclohexane	5.476	56	86114	43.339	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	89249	48.062	ug/l	99
36) 1,1-Dichloropropene	5.696	75	73296	47.125	ug/l	98
37) Ethyl Acetate	4.714	43	81164	51.586	ug/l	99
38) Carbon Tetrachloride	5.678	117	78428	49.021	ug/l	99
39) Methylcyclohexane	7.385	83	91071	48.543	ug/l	95
40) Benzene	6.043	78	214590	49.916	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46822	52.534	ug/l	98
42) 1,2-Dichloroethane	6.086	62	79587	47.317	ug/l	98
43) Isopropyl Acetate	6.342	43	131313	51.667	ug/l	98
44) Trichloroethene	7.129	130	65637	53.806	ug/l	93
45) 1,2-Dichloropropane	7.433	63	56558	52.705	ug/l	99
46) Dibromomethane	7.580	93	39246	51.881	ug/l	98
47) Bromodichloromethane	7.824	83	79255	51.854	ug/l	97
48) Methyl methacrylate	7.696	41	64098	50.891	ug/l	96
49) 1,4-Dioxane	7.677	88	19959	965.616	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	391753	259.875	ug/l	97
52) Toluene	8.720	92	133410	50.605	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	81017	49.601	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	90431	55.086	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	55796	54.235	ug/l	97
56) Ethyl methacrylate	9.116	69	86591	54.922	ug/l	95
57) 1,3-Dichloropropane	9.311	76	93941	52.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	212314	256.815	ug/l	98
59) 2-Hexanone	9.433	43	297330	257.702	ug/l	98
60) Dibromochloromethane	9.525	129	59615	55.608	ug/l	100
61) 1,2-Dibromoethane	9.610	107	56883	53.062	ug/l	99
64) Tetrachloroethene	9.275	164	71143	58.424	ug/l	93
65) Chlorobenzene	10.079	112	142170	52.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	55049	54.578	ug/l	100
67) Ethyl Benzene	10.195	91	255152	51.724	ug/l	98
68) m/p-Xylenes	10.305	106	194965	105.611	ug/l	97
69) o-Xylene	10.640	106	94141	52.849	ug/l	98
70) Styrene	10.658	104	155832	53.612	ug/l	98
71) Bromoform	10.799	173	39212	50.756	ug/l #	100
73) Isopropylbenzene	10.963	105	252444	51.711	ug/l	99
74) N-amyl acetate	10.847	43	99894	53.004	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	65652	50.103	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	68917m	52.556	ug/l	
77) Bromobenzene	11.201	156	58301	52.130	ug/l	96
78) n-propylbenzene	11.305	91	287477	51.640	ug/l	100
79) 2-Chlorotoluene	11.366	91	168668	49.963	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	204363	50.777	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22188	53.039	ug/l	91
82) 4-Chlorotoluene	11.457	91	192308	49.566	ug/l	97
83) tert-Butylbenzene	11.719	119	194940	51.885	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	204634	50.834	ug/l	98
85) sec-Butylbenzene	11.890	105	258705	53.234	ug/l	99
86) p-Isopropyltoluene	12.012	119	219578	53.855	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109020	52.006	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	110562	52.107	ug/l	99
89) n-Butylbenzene	12.335	91	188051	53.746	ug/l	99
90) Hexachloroethane	12.542	117	34237	50.305	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	107010	54.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16700	52.732	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	71324	56.157	ug/l	99
94) Hexachlorobutadiene	13.725	225	31050	57.913	ug/l	97
95) Naphthalene	13.780	128	244133	57.627	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72156	57.768	ug/l	98

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

