

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026365.D
 Acq On : 06 Jan 2022 08:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 06 12:26:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/07/2022
 Supervised By :Semsettin Yesilyurt 01/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	108037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180126	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75194	48.109	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.220%
35) Dibromofluoromethane	5.391	113	57021	48.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	8.653	98	203266	46.665	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.320%
62) 4-Bromofluorobenzene	11.079	95	75218	48.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	54350	47.899	ug/l	96
3) Chloromethane	1.294	50	49311	37.335	ug/l	97
4) Vinyl Chloride	1.380	62	58217	41.882	ug/l	98
5) Bromomethane	1.617	94	23523	27.421	ug/l	98
6) Chloroethane	1.691	64	32715	33.470	ug/l	99
7) Trichlorofluoromethane	1.892	101	94636	39.523	ug/l	97
8) Diethyl Ether	2.136	74	35453	43.100	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	59057	46.785	ug/l	100
10) Methyl Iodide	2.459	142	55431	33.956	ug/l	99
11) Tert butyl alcohol	2.995	59	68445m	219.250	ug/l	
12) 1,1-Dichloroethene	2.325	96	56488	47.218	ug/l	94
13) Acrolein	2.239	56	24557	219.987	ug/l	94
14) Allyl chloride	2.672	41	107562	45.496	ug/l	98
15) Acrylonitrile	3.068	53	172595	223.305	ug/l	99
16) Acetone	2.386	43	154795	182.790	ug/l	94
17) Carbon Disulfide	2.520	76	155555	45.306	ug/l	100
18) Methyl Acetate	2.709	43	125507	45.691	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	216825	51.889	ug/l	99
20) Methylene Chloride	2.794	84	63155	46.576	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	61733	47.302	ug/l	92
22) Diisopropyl ether	3.763	45	220526	48.871	ug/l	98
23) Vinyl Acetate	3.727	43	858260	239.529	ug/l	98
24) 1,1-Dichloroethane	3.617	63	119437	48.841	ug/l	98
25) 2-Butanone	4.562	43	250452	212.310	ug/l	98
26) 2,2-Dichloropropane	4.483	77	78961	42.856	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	72002	48.494	ug/l	94
28) Bromochloromethane	4.903	49	49845	45.988	ug/l	90
29) Tetrahydrofuran	5.007	42	163582	220.007	ug/l	95
30) Chloroform	5.099	83	124005	47.943	ug/l	96
31) Cyclohexane	5.477	56	108536	48.762	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	111611	49.637	ug/l	99
36) 1,1-Dichloropropene	5.696	75	91852	48.630	ug/l	98
37) Ethyl Acetate	4.714	43	100544	45.909	ug/l	100
38) Carbon Tetrachloride	5.684	117	97529	46.420	ug/l	99
39) Methylcyclohexane	7.385	83	103283	48.476	ug/l	94
40) Benzene	6.044	78	258883	48.025	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	59540	48.143	ug/l	93
42) 1,2-Dichloroethane	6.092	62	103290	47.346	ug/l	98
43) Isopropyl Acetate	6.342	43	168293	47.150	ug/l	98
44) Trichloroethene	7.129	130	73798	50.877	ug/l	91
45) 1,2-Dichloropropane	7.434	63	66223	48.029	ug/l	100
46) Dibromomethane	7.586	93	46448	45.416	ug/l	98
47) Bromodichloromethane	7.824	83	94244	45.293	ug/l	98
48) Methyl methacrylate	7.696	41	81860	47.820	ug/l	93
49) 1,4-Dioxane	7.690	88	25837	819.025	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	490446	220.802	ug/l	99
52) Toluene	8.720	92	157140	47.351	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	91276	41.578	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	101831	46.303	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	63164	46.310	ug/l	97
56) Ethyl methacrylate	9.116	69	103955	49.418	ug/l	95
57) 1,3-Dichloropropane	9.311	76	110438	47.270	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	251820	224.959	ug/l	97
59) 2-Hexanone	9.433	43	362466	215.430	ug/l	98
60) Dibromochloromethane	9.525	129	67720	43.829	ug/l	99
61) 1,2-Dibromoethane	9.610	107	66513	45.577	ug/l	100
64) Tetrachloroethene	9.275	164	74411	56.720	ug/l	97
65) Chlorobenzene	10.079	112	162991	47.727	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	62827	48.279	ug/l	99
67) Ethyl Benzene	10.195	91	306852	50.251	ug/l	97
68) m/p-Xylenes	10.305	106	228594	100.260	ug/l	92
69) o-Xylene	10.640	106	111097	49.801	ug/l	94
70) Styrene	10.659	104	184113	50.344	ug/l	97
71) Bromoform	10.799	173	43393	41.104	ug/l #	100
73) Isopropylbenzene	10.963	105	292587	53.152	ug/l	98
74) N-amyl acetate	10.848	43	129264	51.139	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	80380	42.935	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	81481m	47.666	ug/l	
77) Bromobenzene	11.201	156	67076	51.381	ug/l	92
78) n-propylbenzene	11.305	91	334330	52.824	ug/l	97
79) 2-Chlorotoluene	11.366	91	201633	51.754	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	243782	53.365	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	19572	33.124	ug/l #	83
82) 4-Chlorotoluene	11.457	91	231966	52.720	ug/l	96
83) tert-Butylbenzene	11.713	119	225705	50.903	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	244003	53.456	ug/l	97
85) sec-Butylbenzene	11.890	105	288719	52.178	ug/l	99
86) p-Isopropyltoluene	12.012	119	242566	52.585	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	124664	50.870	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	125679	47.833	ug/l	99
89) n-Butylbenzene	12.335	91	204931	49.990	ug/l	99
90) Hexachloroethane	12.542	117	35827	38.886	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	120959	47.581	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21295	44.433	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	75882	50.512	ug/l	98
94) Hexachlorobutadiene	13.725	225	29797	47.772	ug/l	99
95) Naphthalene	13.780	128	278464	50.876	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75893	49.654	ug/l	98

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

