

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026182.D
 Acq On : 30 Dec 2021 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 31 01:11:06 2021
 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 01/01/2022
 Supervised By :Semsettin Yesilyurt 01/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	100518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	73979	50.873	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.740%			
35) Dibromofluoromethane	5.391	113	54827	50.689	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.380%			
50) Toluene-d8	8.653	98	198298	49.288	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.580%			
62) 4-Bromofluorobenzene	11.085	95	72137	50.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	52644	49.866	ug/l	97
3) Chloromethane	1.295	50	57778	47.017	ug/l	99
4) Vinyl Chloride	1.374	62	60794	47.007	ug/l	99
5) Bromomethane	1.612	94	35116	43.997	ug/l	100
6) Chloroethane	1.685	64	41946	46.124	ug/l	99
7) Trichlorofluoromethane	1.892	101	110090	49.416	ug/l	96
8) Diethyl Ether	2.136	74	37633	49.173	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	55550	47.298	ug/l	98
10) Methyl Iodide	2.459	142	70319	46.299	ug/l	98
11) Tert butyl alcohol	2.977	59	68044	234.270	ug/l	100
12) 1,1-Dichloroethene	2.325	96	53902	48.426	ug/l	94
13) Acrolein	2.239	56	38858	374.138	ug/l	98
14) Allyl chloride	2.666	41	104963	47.718	ug/l	95
15) Acrylonitrile	3.069	53	176927	246.032	ug/l	99
16) Acetone	2.386	43	166372	211.157	ug/l	92
17) Carbon Disulfide	2.514	76	154984	48.516	ug/l	99
18) Methyl Acetate	2.709	43	124334	48.650	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	191385	49.226	ug/l	97
20) Methylene Chloride	2.794	84	61436	48.742	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	57849	47.641	ug/l	93
22) Diisopropyl ether	3.770	45	206790	49.255	ug/l	91
23) Vinyl Acetate	3.727	43	859769	257.899	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	111959	49.208	ug/l	99
25) 2-Butanone	4.562	43	261666	238.409	ug/l	96
26) 2,2-Dichloropropane	4.489	77	80295	46.840	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	66526	48.157	ug/l	92
28) Bromochloromethane	4.904	49	51455	51.024	ug/l	87
29) Tetrahydrofuran	5.013	42	170057	245.824	ug/l	93
30) Chloroform	5.099	83	117224	48.711	ug/l	99
31) Cyclohexane	5.483	56	99196	47.899	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	104875	50.130	ug/l	97
36) 1,1-Dichloropropene	5.702	75	83917	48.103	ug/l	98
37) Ethyl Acetate	4.721	43	104007	51.417	ug/l	98
38) Carbon Tetrachloride	5.684	117	97055	50.014	ug/l	98
39) Methylcyclohexane	7.385	83	94478	48.010	ug/l	94
40) Benzene	6.044	78	239978	48.198	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	55471	48.562	ug/l	93
42) 1,2-Dichloroethane	6.092	62	98858	49.061	ug/l	97
43) Isopropyl Acetate	6.348	43	163580	49.619	ug/l	95
44) Trichloroethene	7.129	130	63986	47.760	ug/l	92
45) 1,2-Dichloropropane	7.434	63	63445	49.819	ug/l	98
46) Dibromomethane	7.586	93	46060	48.760	ug/l	98
47) Bromodichloromethane	7.824	83	95894	49.897	ug/l	96
48) Methyl methacrylate	7.696	41	81153	51.327	ug/l	92
49) 1,4-Dioxane	7.678	88	27230	934.554	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	523367	255.105	ug/l	97
52) Toluene	8.720	92	149889	48.901	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	96566	47.349	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	101039	49.742	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	61844	49.092	ug/l	98
56) Ethyl methacrylate	9.122	69	98135	50.509	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	106182	49.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	260347	250.633	ug/l	95
59) 2-Hexanone	9.433	43	395750	254.660	ug/l	95
60) Dibromochloromethane	9.525	129	71523	50.118	ug/l	99
61) 1,2-Dibromoethane	9.610	107	66609	49.417	ug/l	98
64) Tetrachloroethene	9.275	164	57780	45.413	ug/l	98
65) Chlorobenzene	10.080	112	156961	47.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	63141	50.030	ug/l	99
67) Ethyl Benzene	10.195	91	287911	48.616	ug/l	98
68) m/p-Xylenes	10.305	106	214349	96.937	ug/l	92
69) o-Xylene	10.646	106	103876	48.012	ug/l	91
70) Styrene	10.659	104	180042	50.762	ug/l	97
71) Bromoform	10.805	173	51846	50.639	ug/l #	99
73) Isopropylbenzene	10.964	105	279674	47.689	ug/l	99
74) N-amyl acetate	10.848	43	140714	52.254	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	95891	48.078	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	88278m	48.475	ug/l	
77) Bromobenzene	11.201	156	66400	47.743	ug/l	95
78) n-propylbenzene	11.305	91	332878	49.368	ug/l	96
79) 2-Chlorotoluene	11.366	91	196289	47.292	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	233620	48.003	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	31282	49.695	ug/l	93
82) 4-Chlorotoluene	11.457	91	226582	48.337	ug/l	96
83) tert-Butylbenzene	11.719	119	227282	48.114	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	237228	48.783	ug/l	98
85) sec-Butylbenzene	11.890	105	283334	48.064	ug/l	99
86) p-Isopropyltoluene	12.012	119	237322	48.292	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	124411	47.653	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	125833	44.954	ug/l	99
89) n-Butylbenzene	12.335	91	207973	47.620	ug/l	97
90) Hexachloroethane	12.542	117	47924	48.826	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	121287	44.784	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24239	47.474	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	74789	46.731	ug/l	99
94) Hexachlorobutadiene	13.725	225	29508	44.406	ug/l	98
95) Naphthalene	13.780	128	279009	47.849	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75256	46.217	ug/l	97

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

