

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026159.D
 Acq On : 30 Dec 2021 11:33
 Operator : JC/MD
 Sample : VX1231WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Quant Time: Dec 31 01:08:39 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	119716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192526	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	85643	49.449	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.900%			
35) Dibromofluoromethane	5.391	113	64711	51.700	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.400%			
50) Toluene-d8	8.653	98	236545	50.807	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.620%			
62) 4-Bromofluorobenzene	11.079	95	83545	50.408	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	24260	19.295	ug/l	94
3) Chloromethane	1.294	50	27043	18.477	ug/l	98
4) Vinyl Chloride	1.374	62	28497	18.501	ug/l	100
5) Bromomethane	1.618	94	18327	19.280	ug/l	96
6) Chloroethane	1.691	64	19155	17.685	ug/l	97
7) Trichlorofluoromethane	1.892	101	49494	18.654	ug/l	99
8) Diethyl Ether	2.136	74	17246	18.921	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	26654	19.055	ug/l	98
10) Methyl Iodide	2.459	142	32803	18.134	ug/l	99
11) Tert butyl alcohol	2.989	59	30569	88.369	ug/l	97
12) 1,1-Dichloroethene	2.325	96	24485	18.470	ug/l	89
13) Acrolein	2.246	56	16439	132.898	ug/l	100
14) Allyl chloride	2.666	41	48047	18.340	ug/l	95
15) Acrylonitrile	3.069	53	79677	93.030	ug/l	100
16) Acetone	2.392	43	100530	107.130	ug/l	96
17) Carbon Disulfide	2.514	76	71276	18.734	ug/l	98
18) Methyl Acetate	2.709	43	56172	18.455	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	84828	18.320	ug/l	97
20) Methylene Chloride	2.794	84	28638	18.491	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	26335	18.210	ug/l	92
22) Diisopropyl ether	3.764	45	93315	18.662	ug/l	94
23) Vinyl Acetate	3.727	43	376689	94.873	ug/l	95
24) 1,1-Dichloroethane	3.617	63	51049	18.839	ug/l	99
25) 2-Butanone	4.562	43	125883	96.302	ug/l	96
26) 2,2-Dichloropropane	4.483	77	40397	19.786	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	31313	19.032	ug/l	91
28) Bromochloromethane	4.910	49	20530	17.093	ug/l	89
29) Tetrahydrofuran	5.013	42	74566	90.503	ug/l	94
30) Chloroform	5.099	83	53350	18.614	ug/l	100
31) Cyclohexane	5.477	56	47062	19.081	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	46491	18.659	ug/l	95
36) 1,1-Dichloropropene	5.702	75	39600	19.616	ug/l	96
37) Ethyl Acetate	4.721	43	45217	19.317	ug/l	98
38) Carbon Tetrachloride	5.684	117	42565	18.954	ug/l	91
39) Methylcyclohexane	7.385	83	44356	19.478	ug/l	96
40) Benzene	6.044	78	110220	19.130	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24784	18.749	ug/l	94
42) 1,2-Dichloroethane	6.092	62	43952	18.849	ug/l	97
43) Isopropyl Acetate	6.342	43	71282	18.685	ug/l	97
44) Trichloroethene	7.129	130	29804	19.224	ug/l	94
45) 1,2-Dichloropropane	7.434	63	28366	19.248	ug/l	99
46) Dibromomethane	7.586	93	20940	19.156	ug/l	97
47) Bromodichloromethane	7.824	83	42936	19.306	ug/l	97
48) Methyl methacrylate	7.696	41	34821	19.031	ug/l	94
49) 1,4-Dioxane	7.690	88	13518	400.917	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	230017	96.885	ug/l	96
52) Toluene	8.720	92	68825	19.403	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	41479	18.766	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	45764	19.469	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	27935	19.162	ug/l	98
56) Ethyl methacrylate	9.116	69	43071	19.156	ug/l	90
57) 1,3-Dichloropropane	9.311	76	47878	19.173	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	101331	90.820	ug/l	96
59) 2-Hexanone	9.433	43	180725	100.495	ug/l	94
60) Dibromochloromethane	9.525	129	31651	19.166	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29416	18.859	ug/l	99
64) Tetrachloroethene	9.275	164	27164	18.528	ug/l	94
65) Chlorobenzene	10.079	112	72674	19.042	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	28092	19.316	ug/l	100
67) Ethyl Benzene	10.195	91	133181	19.516	ug/l	96
68) m/p-Xylenes	10.305	106	98986	38.848	ug/l	94
69) o-Xylene	10.640	106	48829	19.586	ug/l	99
70) Styrene	10.659	104	80638	19.730	ug/l	97
71) Bromoform	10.799	173	22598	19.154	ug/l #	100
73) Isopropylbenzene	10.963	105	128060	19.668	ug/l	97
74) N-amyl acetate	10.842	43	58006	19.402	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	42382	19.139	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	39818m	19.693	ug/l	
77) Bromobenzene	11.201	156	30652	19.851	ug/l	96
78) n-propylbenzene	11.305	91	151345	20.217	ug/l	96
79) 2-Chlorotoluene	11.366	91	88178	19.135	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	108013	19.990	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	13109	18.757	ug/l	88
82) 4-Chlorotoluene	11.457	91	103440	19.876	ug/l	95
83) tert-Butylbenzene	11.719	119	103176	19.673	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	107490	19.909	ug/l	99
85) sec-Butylbenzene	11.890	105	131695	20.122	ug/l	98
86) p-Isopropyltoluene	12.012	119	108633	19.910	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	57068	19.688	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	58030	18.672	ug/l	99
89) n-Butylbenzene	12.335	91	94554	19.500	ug/l	97
90) Hexachloroethane	12.542	117	21107	19.369	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	54911	18.262	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10152	17.909	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	33775	19.008	ug/l	99
94) Hexachlorobutadiene	13.725	225	14322	19.413	ug/l	99
95) Naphthalene	13.780	128	119700	18.490	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	34544	19.108	ug/l	100

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

