

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025838.D
 Acq On : 16 Dec 2021 01:38
 Operator : JC/MD
 Sample : VX1216WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD02

Quant Time: Dec 16 07:33:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Mahesh Dadoda 12/21/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	112699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	187730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85154	52.514	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.020%			
35) Dibromofluoromethane	5.391	113	71250	54.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.840%			
50) Toluene-d8	8.653	98	260795	54.671	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.340%			
62) 4-Bromofluorobenzene	11.085	95	95522	52.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	24792	24.597	ug/l	96
3) Chloromethane	1.294	50	26874	20.477	ug/l	95
4) Vinyl Chloride	1.373	62	28249	20.236	ug/l	98
5) Bromomethane	1.599	94	20239	20.304	ug/l	97
6) Chloroethane	1.684	64	19728	19.511	ug/l	98
7) Trichlorofluoromethane	1.885	101	46272	20.067	ug/l	91
8) Diethyl Ether	2.135	74	17524	19.265	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.330	101	24919	20.766	ug/l	98
10) Methyl Iodide	2.452	142	31842	20.826	ug/l	99
11) Tert butyl alcohol	2.965	59	28219	86.755	ug/l	99
12) 1,1-Dichloroethene	2.318	96	22898	19.192	ug/l	92
13) Acrolein	2.239	56	36944	166.165	ug/l	97
14) Allyl chloride	2.666	41	37833	17.375	ug/l	97
15) Acrylonitrile	3.068	53	74520	98.137	ug/l	99
16) Acetone	2.385	43	66411	80.436	ug/l	99
17) Carbon Disulfide	2.513	76	54975	16.086	ug/l	97
18) Methyl Acetate	2.708	43	49791	20.147	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	80783	19.170	ug/l	97
20) Methylene Chloride	2.794	84	27717	18.458	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	26387	19.818	ug/l	97
22) Diisopropyl ether	3.763	45	83420	19.750	ug/l	98
23) Vinyl Acetate	3.727	43	314110	96.103	ug/l	100
24) 1,1-Dichloroethane	3.611	63	46300	19.198	ug/l	98
25) 2-Butanone	4.562	43	105119	96.385	ug/l	99
26) 2,2-Dichloropropane	4.483	77	25835	14.124	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	30231	19.148	ug/l	98
28) Bromochloromethane	4.903	49	21639	19.911	ug/l	100
29) Tetrahydrofuran	5.013	42	68479	98.757	ug/l	99
30) Chloroform	5.098	83	50255	19.000	ug/l	99
31) Cyclohexane	5.470	56	41042	20.813	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	42370	18.405	ug/l	100
36) 1,1-Dichloropropene	5.696	75	36180	20.378	ug/l	98
37) Ethyl Acetate	4.720	43	39141	19.842	ug/l	99
38) Carbon Tetrachloride	5.684	117	37164	17.990	ug/l	95
39) Methylcyclohexane	7.384	83	41898	21.090	ug/l	99
40) Benzene	6.043	78	106307	20.072	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21415	19.616	ug/l	99
42) 1,2-Dichloroethane	6.092	62	39687	19.716	ug/l	99
43) Isopropyl Acetate	6.348	43	59459	18.709	ug/l	99
44) Trichloroethene	7.128	130	29575	20.058	ug/l	99
45) 1,2-Dichloropropane	7.433	63	26610	19.934	ug/l	94
46) Dibromomethane	7.586	93	20178	19.416	ug/l	98
47) Bromodichloromethane	7.823	83	35638	17.399	ug/l	99
48) Methyl methacrylate	7.695	41	29330	19.598	ug/l	98
49) 1,4-Dioxane	7.665	88	13836	423.475	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	207561	99.768	ug/l	99
52) Toluene	8.720	92	69149	20.491	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	31559	16.164	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	38161	17.864	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	28327	19.574	ug/l	97
56) Ethyl methacrylate	9.122	69	40811	19.636	ug/l	99
57) 1,3-Dichloropropane	9.311	76	46996	19.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	103885	111.569	ug/l	99
59) 2-Hexanone	9.433	43	159179	100.982	ug/l	99
60) Dibromochloromethane	9.524	129	27109	16.504	ug/l	99
61) 1,2-Dibromoethane	9.610	107	30214	19.255	ug/l	100
64) Tetrachloroethene	9.274	164	26988	19.047	ug/l	96
65) Chlorobenzene	10.079	112	75315	20.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	26589	18.389	ug/l	99
67) Ethyl Benzene	10.195	91	129494	20.681	ug/l	99
68) m/p-Xylenes	10.305	106	104096	42.725	ug/l	99
69) o-Xylene	10.646	106	50011	20.865	ug/l	99
70) Styrene	10.658	104	81661	20.475	ug/l	98
71) Bromoform	10.799	173	17685	14.848	ug/l #	100
73) Isopropylbenzene	10.963	105	130404	20.912	ug/l	100
74) N-amyl acetate	10.847	43	48617	19.384	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	43209	19.881	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	36559m	18.571	ug/l	
77) Bromobenzene	11.201	156	32401	20.257	ug/l	98
78) n-propylbenzene	11.305	91	147964	20.978	ug/l	100
79) 2-Chlorotoluene	11.365	91	91395	20.377	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	111148	21.491	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	7528	11.856	ug/l #	76
82) 4-Chlorotoluene	11.457	91	102611	20.430	ug/l	99
83) tert-Butylbenzene	11.719	119	108064	21.317	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	109966	21.285	ug/l	99
85) sec-Butylbenzene	11.890	105	131946	21.655	ug/l	99
86) p-Isopropyltoluene	12.012	119	109399	21.379	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	59781	20.059	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	59015	19.395	ug/l	98
89) n-Butylbenzene	12.335	91	88382	20.706	ug/l	99
90) Hexachloroethane	12.542	117	15262	15.176	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	59085	20.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8233	16.858	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	31910	20.723	ug/l	99
94) Hexachlorobutadiene	13.725	225	13273	21.924	ug/l	98
95) Naphthalene	13.780	128	107985	19.923	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	32804	21.159	ug/l	98

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

