

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026241.D
 Acq On : 04 Jan 2022 00:05
 Operator : JC/MD
 Sample : VX0103WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

Quant Time: Jan 04 03:57:30 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121215	58.747	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.500%#			
35) Dibromofluoromethane	5.391	113	88612	57.763	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.520%			
50) Toluene-d8	8.653	98	324177	56.812	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.620%#			
62) 4-Bromofluorobenzene	11.079	95	116866	57.533	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	27211	18.166	ug/l	97
3) Chloromethane	1.294	50	29843	17.116	ug/l	95
4) Vinyl Chloride	1.380	62	30451	16.594	ug/l	100
5) Bromomethane	1.605	94	19921	17.591	ug/l	97
6) Chloroethane	1.691	64	19422	15.052	ug/l	97
7) Trichlorofluoromethane	1.892	101	51012	16.138	ug/l	94
8) Diethyl Ether	2.136	74	17767	16.361	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	28756	17.256	ug/l	99
10) Methyl Iodide	2.459	142	38440	17.837	ug/l	98
11) Tert butyl alcohol	2.953	59	32230	78.206	ug/l	98
12) 1,1-Dichloroethene	2.325	96	27510	17.419	ug/l	96
13) Acrolein	2.233	56	18140	123.095	ug/l	100
14) Allyl chloride	2.672	41	51704	16.566	ug/l	94
15) Acrylonitrile	3.062	53	89123	87.345	ug/l	99
16) Acetone	2.379	43	87669	78.419	ug/l	92
17) Carbon Disulfide	2.520	76	68330	15.075	ug/l	98
18) Methyl Acetate	2.703	43	61496	16.959	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	98521	17.860	ug/l	96
20) Methylene Chloride	2.794	84	32058	17.316	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	29205	16.951	ug/l	89
22) Diisopropyl ether	3.763	45	106044	17.801	ug/l #	96
23) Vinyl Acetate	3.727	43	413115	87.335	ug/l	95
24) 1,1-Dichloroethane	3.611	63	56075	17.370	ug/l	98
25) 2-Butanone	4.556	43	132779	85.262	ug/l	99
26) 2,2-Dichloropropane	4.483	77	40375	16.599	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	34453	17.577	ug/l	92
28) Bromochloromethane	4.903	49	26639	18.617	ug/l	89
29) Tetrahydrofuran	5.007	42	84469	86.055	ug/l	95
30) Chloroform	5.105	83	61433	17.992	ug/l	97
31) Cyclohexane	5.483	56	51738	17.607	ug/l	87
32) 1,1,1-Trichloroethane	5.391	97	52293	17.616	ug/l	97
36) 1,1-Dichloropropene	5.702	75	44670	18.054	ug/l	97
37) Ethyl Acetate	4.714	43	50482	17.596	ug/l	99
38) Carbon Tetrachloride	5.678	117	47309	17.189	ug/l	97
39) Methylcyclohexane	7.385	83	49490	17.732	ug/l	96
40) Benzene	6.043	78	124315	17.604	ug/l	100

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41) Methacrylonitrile	4.928	41	28111	17.352	ug/l	95
42) 1,2-Dichloroethane	6.092	62	52553	18.389	ug/l	96
43) Isopropyl Acetate	6.342	43	79736	17.053	ug/l	97
44) Trichloroethene	7.129	130	34467	18.139	ug/l	97
45) 1,2-Dichloropropane	7.433	63	32549	18.021	ug/l	97
46) Dibromomethane	7.586	93	23524	17.558	ug/l	98
47) Bromodichloromethane	7.824	83	46364	17.010	ug/l	99
48) Methyl methacrylate	7.696	41	39755	17.729	ug/l	94
49) 1,4-Dioxane	7.665	88	12934	312.987	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	262792	90.315	ug/l	97
52) Toluene	8.720	92	78722	18.108	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	44672	16.720	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	50435	17.507	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	32399	18.133	ug/l	97
56) Ethyl methacrylate	9.116	69	49546	17.980	ug/l	90
57) 1,3-Dichloropropane	9.311	76	55816	18.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	127592	93.038	ug/l	96
59) 2-Hexanone	9.433	43	196005	88.929	ug/l	95
60) Dibromochloromethane	9.525	129	33183	16.395	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33197	17.365	ug/l	98
64) Tetrachloroethene	9.275	164	35895	20.278	ug/l	97
65) Chlorobenzene	10.079	112	81515	17.690	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	31246	17.795	ug/l	99
67) Ethyl Benzene	10.195	91	149929	18.197	ug/l	95
68) m/p-Xylenes	10.305	106	111445	36.226	ug/l	92
69) o-Xylene	10.646	106	54342	18.054	ug/l	93
70) Styrene	10.658	104	90316	18.303	ug/l	96
71) Bromoform	10.799	173	21799	15.304	ug/l #	99
73) Isopropylbenzene	10.963	105	144609	19.463	ug/l	99
74) N-amyl acetate	10.841	43	62662	18.367	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	43175	17.087	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43024m	18.648	ug/l	
77) Bromobenzene	11.201	156	32900	18.672	ug/l	92
78) n-propylbenzene	11.305	91	168747	19.754	ug/l	96
79) 2-Chlorotoluene	11.366	91	101650	19.331	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	121383	19.687	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	11496	14.415	ug/l #	78
82) 4-Chlorotoluene	11.457	91	117257	19.744	ug/l	94
83) tert-Butylbenzene	11.713	119	112397	18.781	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	121238	19.679	ug/l	97
85) sec-Butylbenzene	11.890	105	144227	19.312	ug/l	98
86) p-Isopropyltoluene	12.012	119	118841	19.088	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	61757	18.671	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	61844	17.439	ug/l	98
89) n-Butylbenzene	12.335	91	101456	18.336	ug/l	98
90) Hexachloroethane	12.542	117	17937	14.424	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	60745	17.704	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9774	15.110	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	35171	17.346	ug/l	99
94) Hexachlorobutadiene	13.725	225	14413	17.120	ug/l	98
95) Naphthalene	13.774	128	124634	16.871	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35425	17.172	ug/l	98

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

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