

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027387.D
 Acq On : 10 Mar 2022 19:26
 Operator : JC/MD
 Sample : N1889-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-01MSD

Quant Time: Mar 11 00:49:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/11/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	346822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	537568	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	499566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173751	42.960	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.920%		
35) Dibromofluoromethane	5.391	113	164359	47.383	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.760%		
50) Toluene-d8	8.653	98	607659	46.403	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.800%		
62) 4-Bromofluorobenzene	11.085	95	228151	45.712	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	161045	45.300	ug/l	99
3) Chloromethane	1.294	50	155151	41.502	ug/l	99
4) Vinyl Chloride	1.374	62	162503	42.294	ug/l	100
5) Bromomethane	1.599	94	73857	47.245	ug/l	97
6) Chloroethane	1.679	64	94902	41.988	ug/l	99
7) Trichlorofluoromethane	1.886	101	233007	43.548	ug/l	100
8) Diethyl Ether	2.136	74	90048	43.192	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	157348	44.981	ug/l	94
10) Methyl Iodide	2.453	142	245265	49.673	ug/l	99
11) Tert butyl alcohol	2.965	59	168817	212.916	ug/l	100
12) 1,1-Dichloroethene	2.319	96	153725	45.712	ug/l	91
13) Acrolein	2.239	56	130165	234.203	ug/l	98
14) Allyl chloride	2.666	41	228140	43.251	ug/l	96
15) Acrylonitrile	3.062	53	459267	220.097	ug/l	100
16) Acetone	2.380	43	346765	220.888	ug/l	99
17) Carbon Disulfide	2.508	76	377754	41.346	ug/l	99
18) Methyl Acetate	2.703	43	186133	41.865	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	504064	45.240	ug/l	99
20) Methylene Chloride	2.788	84	176949	44.784	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	166576	44.565	ug/l	94
22) Diisopropyl ether	3.763	45	470425	44.611	ug/l	92
23) Vinyl Acetate	3.727	43	1954227	221.529	ug/l	99
24) 1,1-Dichloroethane	3.611	63	285240	44.549	ug/l	99
25) 2-Butanone	4.562	43	590561	211.981	ug/l	98
26) 2,2-Dichloropropane	4.477	77	202456	44.100	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	199094	45.910	ug/l	92
28) Bromochloromethane	4.904	49	112064	42.064	ug/l	88
29) Tetrahydrofuran	5.007	42	395182	214.381	ug/l	97
30) Chloroform	5.099	83	312059	46.176	ug/l	100
31) Cyclohexane	5.471	56	244305	43.184	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	266103	46.071	ug/l	97
36) 1,1-Dichloropropene	5.696	75	221050	45.900	ug/l	97
37) Ethyl Acetate	4.715	43	220922	43.518	ug/l	98
38) Carbon Tetrachloride	5.678	117	238920	47.976	ug/l	97
39) Methylcyclohexane	7.385	83	269055	44.242	ug/l	99
40) Benzene	6.044	78	681875	46.486	ug/l	99

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41) Methacrylonitrile	4.922	41	124677	45.551	ug/l	97
42) 1,2-Dichloroethane	6.092	62	219985	45.910	ug/l	98
43) Isopropyl Acetate	6.342	43	346250	45.246	ug/l	99
44) Trichloroethene	7.129	130	193324	47.986	ug/l	99
45) 1,2-Dichloropropane	7.434	63	172969	47.061	ug/l	98
46) Dibromomethane	7.586	93	126344	48.317	ug/l	96
47) Bromodichloromethane	7.824	83	234767	48.616	ug/l	99
48) Methyl methacrylate	7.696	41	174429	45.836	ug/l	96
49) 1,4-Dioxane	7.659	88	88759	890.689	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1177979	229.918	ug/l	99
52) Toluene	8.720	92	451359	48.268	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	243789	49.203	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	272663	49.024	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	191039	48.954	ug/l	98
56) Ethyl methacrylate	9.116	69	284876	49.490	ug/l	99
57) 1,3-Dichloropropane	9.311	76	301830	47.911	ug/l	99
59) 2-Hexanone	9.433	43	903539	228.301	ug/l	97
60) Dibromochloromethane	9.525	129	203197	51.017	ug/l	98
61) 1,2-Dibromoethane	9.610	107	200396	49.726	ug/l	98
64) Tetrachloroethene	9.275	164	167517	47.850	ug/l	97
65) Chlorobenzene	10.079	112	504995	48.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	187953	51.149	ug/l	99
67) Ethyl Benzene	10.195	91	857314	47.300	ug/l	96
68) m/p-Xylenes	10.305	106	687052	96.639	ug/l	98
69) o-Xylene	10.646	106	341430	48.643	ug/l	97
70) Styrene	10.659	104	567566	48.713	ug/l	99
71) Bromoform	10.805	173	157960	52.637	ug/l	99
73) Isopropylbenzene	10.963	105	866812	48.029	ug/l	100
74) N-amyl acetate	10.841	43	298656	45.277	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	292037	47.088	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	260522m	48.119	ug/l	
77) Bromobenzene	11.201	156	226440	49.721	ug/l	92
78) n-propylbenzene	11.305	91	954646	47.025	ug/l	97
79) 2-Chlorotoluene	11.366	91	588311	46.368	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	733692	47.418	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	82527	49.297	ug/l	94
82) 4-Chlorotoluene	11.457	91	669161	46.622	ug/l	97
83) tert-Butylbenzene	11.719	119	737734	47.700	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	733831	47.819	ug/l	99
85) sec-Butylbenzene	11.890	105	878284	47.084	ug/l	99
86) p-Isopropyltoluene	12.012	119	755753	47.854	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	409161	47.821	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	409005	47.215	ug/l	99
89) n-Butylbenzene	12.335	91	605491	45.772	ug/l	97
90) Hexachloroethane	12.542	117	117504	47.737	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	403889	47.877	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	60523	46.578	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	267104	48.236	ug/l	98
94) Hexachlorobutadiene	13.725	225	111995	46.124	ug/l	93
95) Naphthalene	13.780	128	929105	49.980	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	265126	47.911	ug/l	96

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

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