

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031103.D
 Acq On : 03 Sep 2022 23:18
 Operator : JC/MD
 Sample : N4357-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20220823MSD

Quant Time: Sep 06 00:19:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	170644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	275239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109019	49.652	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.300%		
35) Dibromofluoromethane	5.391	113	104604	52.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.160%		
50) Toluene-d8	8.653	98	360680	48.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.580%		
62) 4-Bromofluorobenzene	11.085	95	124991	47.872	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79901	45.506	ug/l	99
3) Chloromethane	1.288	50	64542	44.350	ug/l	99
4) Vinyl Chloride	1.374	62	78446	42.769	ug/l	99
5) Bromomethane	1.611	94	56031	68.332	ug/l	93
6) Chloroethane	1.684	64	34396	31.626	ug/l	98
7) Trichlorofluoromethane	1.886	101	159849	51.576	ug/l	95
8) Diethyl Ether	2.136	74	50645	46.854	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	652212	317.708	ug/l	91
10) Methyl Iodide	2.453	142	146472	72.342	ug/l	96
11) Tert butyl alcohol	3.007	59	118524	268.772	ug/l	100
12) 1,1-Dichloroethene	2.319	96	99272	50.076	ug/l	92
13) Acrolein	2.245	56	60266	149.994	ug/l	99
14) Allyl chloride	2.666	41	101782	38.660	ug/l #	83
15) Acrylonitrile	3.068	53	243151	236.201	ug/l	96
16) Acetone	2.392	43	210932	248.848	ug/l	99
17) Carbon Disulfide	2.514	76	225074	43.718	ug/l	98
18) Methyl Acetate	2.709	43	84915	34.862	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	309328	50.667	ug/l	93
20) Methylene Chloride	2.788	84	104994	50.947	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	100559	45.586	ug/l	84
22) Diisopropyl ether	3.763	45	237318	44.736	ug/l #	86
23) Vinyl Acetate	3.727	43	761295	177.669	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	165221	46.221	ug/l	97
25) 2-Butanone	4.568	43	302419	231.102	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	51614	18.094	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	122660	49.613	ug/l	86
28) Bromochloromethane	4.903	49	50263	47.460	ug/l #	56
29) Tetrahydrofuran	5.019	42	187729	222.523	ug/l #	75
30) Chloroform	5.098	83	192860	49.200	ug/l	100
31) Cyclohexane	5.470	56	130080	43.369	ug/l	87
32) 1,1,1-Trichloroethane	5.391	97	173225	51.551	ug/l	95
36) 1,1-Dichloropropene	5.696	75	131010	46.565	ug/l	97
37) Ethyl Acetate	4.721	43	90565	37.049	ug/l	95
38) Carbon Tetrachloride	5.684	117	154156	52.786	ug/l	95
39) Methylcyclohexane	7.385	83	150696	43.219	ug/l	91
40) Benzene	6.043	78	397389	49.197	ug/l	98

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41) Methacrylonitrile	4.928	41	63180	48.478	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	139731	52.441	ug/l	99
43) Isopropyl Acetate	6.348	43	158014	41.360	ug/l #	91
44) Trichloroethene	7.129	130	200419	78.390	ug/l	93
45) 1,2-Dichloropropane	7.433	63	95765	46.253	ug/l	97
46) Dibromomethane	7.586	93	78258	50.501	ug/l	90
47) Bromodichloromethane	7.824	83	147929	51.096	ug/l	98
48) Methyl methacrylate	7.696	41	90271	46.803	ug/l #	84
49) 1,4-Dioxane	7.708	88	63048	1074.705	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	579375	235.902	ug/l	88
52) Toluene	8.720	92	256997	49.060	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	130395	45.488	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	137814	42.995	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	112856	50.676	ug/l	99
56) Ethyl methacrylate	9.116	69	157609	51.769	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	170402	48.393	ug/l	99
59) 2-Hexanone	9.433	43	445188	239.699	ug/l	88
60) Dibromochloromethane	9.525	129	127506	55.140	ug/l	98
61) 1,2-Dibromoethane	9.616	107	128643	54.716	ug/l	96
64) Tetrachloroethene	9.275	164	148078	59.927	ug/l	97
65) Chlorobenzene	10.079	112	285741	48.345	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	114633	52.525	ug/l	97
67) Ethyl Benzene	10.195	91	495651	48.949	ug/l	100
68) m/p-Xylenes	10.305	106	384599	96.843	ug/l	97
69) o-Xylene	10.646	106	190117	48.812	ug/l	98
70) Styrene	10.658	104	314625	49.915	ug/l	99
71) Bromoform	10.799	173	95255	56.131	ug/l	99
73) Isopropylbenzene	10.963	105	496859	49.812	ug/l	100
74) N-amyl acetate	10.847	43	112490	37.361	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	155874	48.867	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	135858m	46.446	ug/l	
77) Bromobenzene	11.201	156	132188	51.400	ug/l	85
78) n-propylbenzene	11.305	91	548259	48.259	ug/l	98
79) 2-Chlorotoluene	11.366	91	334577	47.827	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	415616	49.513	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	35840	38.507	ug/l	92
82) 4-Chlorotoluene	11.457	91	383703	49.021	ug/l	99
83) tert-Butylbenzene	11.719	119	418366	50.076	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	418066	50.109	ug/l	97
85) sec-Butylbenzene	11.890	105	502652	45.934	ug/l	99
86) p-Isopropyltoluene	12.012	119	425287	49.074	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	227838	46.251	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	232245	47.339	ug/l	98
89) n-Butylbenzene	12.335	91	336936	43.119	ug/l	98
90) Hexachloroethane	12.542	117	73963	47.094	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	227234	44.975	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40513	52.129	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	179080	56.004	ug/l	97
94) Hexachlorobutadiene	13.725	225	64596	46.139	ug/l	97
95) Naphthalene	13.774	128	655548	58.448	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	167675	49.990	ug/l	94

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

