

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027061.D
 Acq On : 16 Feb 2022 19:44
 Operator : JC/MD
 Sample : N1575-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7RMS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 17 07:17:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	86502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	139604	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52734	50.785	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.580%			
35) Dibromofluoromethane	5.391	113	42966	51.659	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.320%			
50) Toluene-d8	8.653	98	161626	52.939	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.880%			
62) 4-Bromofluorobenzene	11.079	95	61842	57.534	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43873	46.645	ug/l	100
3) Chloromethane	1.294	50	41962	47.956	ug/l	99
4) Vinyl Chloride	1.373	62	40959	44.716	ug/l	98
5) Bromomethane	1.599	94	15262	39.266	ug/l	99
6) Chloroethane	1.684	64	24520	48.885	ug/l	100
7) Trichlorofluoromethane	1.892	101	61230	45.425	ug/l	99
8) Diethyl Ether	2.135	74	22175	44.410	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	42144	47.699	ug/l	98
10) Methyl Iodide	2.459	142	46212	38.264	ug/l	97
11) Tert butyl alcohol	2.965	59	45658	243.399	ug/l	97
12) 1,1-Dichloroethene	2.324	96	40040	45.229	ug/l	90
13) Acrolein	2.239	56	48168	277.861	ug/l	99
14) Allyl chloride	2.666	41	73906	47.130	ug/l	96
15) Acrylonitrile	3.062	53	134634	250.459	ug/l	98
16) Acetone	2.379	43	121008	265.334	ug/l	96
17) Carbon Disulfide	2.513	76	100820	40.230	ug/l	100
18) Methyl Acetate	2.702	43	57801	44.050	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	142559	45.495	ug/l	99
20) Methylene Chloride	2.794	84	46648	47.206	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	43175	46.347	ug/l	97
22) Diisopropyl ether	3.763	45	148834	47.143	ug/l	96
23) Vinyl Acetate	3.727	43	621116	233.996	ug/l	97
24) 1,1-Dichloroethane	3.611	63	81063	47.451	ug/l	100
25) 2-Butanone	4.556	43	187851	255.654	ug/l	100
26) 2,2-Dichloropropane	4.483	77	56678	49.104	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	51426	48.080	ug/l	96
28) Bromochloromethane	4.903	49	31301	44.200	ug/l	97
29) Tetrahydrofuran	5.007	42	122197	244.622	ug/l	98
30) Chloroform	5.098	83	83095	46.815	ug/l	99
31) Cyclohexane	5.476	56	74488	45.147	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	73000	46.648	ug/l	99
36) 1,1-Dichloropropene	5.696	75	61479	46.855	ug/l	98
37) Ethyl Acetate	4.714	43	79977	53.634	ug/l	99
38) Carbon Tetrachloride	5.684	117	64338	46.759	ug/l	96
39) Methylcyclohexane	7.385	83	75480	46.908	ug/l	96
40) Benzene	6.043	78	181964	47.584	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40495	50.106	ug/l	97
42) 1,2-Dichloroethane	6.092	62	66086	49.042	ug/l	98
43) Isopropyl Acetate	6.342	43	110492	48.159	ug/l	98
44) Trichloroethene	7.128	130	52731	45.924	ug/l	98
45) 1,2-Dichloropropane	7.433	63	46412	47.969	ug/l	98
46) Dibromomethane	7.586	93	33564	50.134	ug/l	98
47) Bromodichloromethane	7.823	83	64731	50.489	ug/l	98
48) Methyl methacrylate	7.695	41	55769	49.057	ug/l	97
49) 1,4-Dioxane	7.659	88	21358	1090.271	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	369372	265.671	ug/l	98
52) Toluene	8.720	92	118716	49.033	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	65531	47.290	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	72251	51.035	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	48397	52.801	ug/l	98
56) Ethyl methacrylate	9.116	69	75956	52.278	ug/l	97
57) 1,3-Dichloropropane	9.311	76	80900	51.399	ug/l	99
59) 2-Hexanone	9.433	43	276771	272.160	ug/l	98
60) Dibromochloromethane	9.524	129	51110	54.193	ug/l	100
61) 1,2-Dibromoethane	9.610	107	50699	52.352	ug/l	99
64) Tetrachloroethene	9.274	164	55019	41.801	ug/l	95
65) Chlorobenzene	10.079	112	129137	47.647	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	47456	47.599	ug/l	99
67) Ethyl Benzene	10.195	91	229885	47.924	ug/l	99
68) m/p-Xylenes	10.305	106	177609	96.235	ug/l	97
69) o-Xylene	10.646	106	87559	48.417	ug/l	96
70) Styrene	10.658	104	146000	49.778	ug/l	98
71) Bromoform	10.799	173	35748	46.435	ug/l #	100
73) Isopropylbenzene	10.963	105	228997	47.362	ug/l	99
74) N-amyl acetate	10.847	43	89355	46.252	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	64503	49.159	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	64557m	48.043	ug/l	
77) Bromobenzene	11.201	156	54410	47.341	ug/l	96
78) n-propylbenzene	11.305	91	259128	48.343	ug/l	99
79) 2-Chlorotoluene	11.366	91	155487	46.948	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	189973	47.739	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18816	44.204	ug/l	95
82) 4-Chlorotoluene	11.457	91	177159	47.682	ug/l	97
83) tert-Butylbenzene	11.719	119	182240	48.049	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	189324	47.168	ug/l	97
85) sec-Butylbenzene	11.890	105	232334	48.326	ug/l	99
86) p-Isopropyltoluene	12.012	119	197555	48.505	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	100355	47.652	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	100128	47.144	ug/l	98
89) n-Butylbenzene	12.335	91	165704	49.726	ug/l	99
90) Hexachloroethane	12.542	117	29824	50.664	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	96956	47.713	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15187	47.066	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	60852	47.450	ug/l	99
94) Hexachlorobutadiene	13.725	225	24581	45.315	ug/l	100
95) Naphthalene	13.780	128	212325	47.266	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60472	46.568	ug/l	99

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

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