

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012522\
 Data File : VX026571.D
 Acq On : 25 Jan 2022 15:59
 Operator : JC/MD
 Sample : N1252-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWBR3D-B-465-493-012422MS

Quant Time: Jan 26 06:13:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/26/2022
 Supervised By : Mahesh Dadoda 01/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	98010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	161985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62341	45.533	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.060%		
35) Dibromofluoromethane	5.391	113	48836	46.686	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.380%		
50) Toluene-d8	8.653	98	174835	46.381	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.760%		
62) 4-Bromofluorobenzene	11.079	95	63553	47.460	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	50180	43.358	ug/l	100
3) Chloromethane	1.295	50	46795	44.107	ug/l	100
4) Vinyl Chloride	1.374	62	52864	47.458	ug/l	99
5) Bromomethane	1.612	94	20037	38.994	ug/l	97
6) Chloroethane	1.691	64	30335	53.854	ug/l	99
7) Trichlorofluoromethane	1.892	101	78737	44.771	ug/l	97
8) Diethyl Ether	2.136	74	29054	46.687	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	51911	48.436	ug/l	99
10) Methyl Iodide	2.459	142	66380	56.865	ug/l	99
11) Tert butyl alcohol	2.983	59	47044	247.001	ug/l #	95
12) 1,1-Dichloroethene	2.325	96	61819	60.394	ug/l	96
13) Acrolein	2.239	56	50143	247.761	ug/l	99
14) Allyl chloride	2.666	41	90530	48.094	ug/l	97
15) Acrylonitrile	3.069	53	155710	265.584	ug/l	99
16) Acetone	2.386	43	131852	188.845	ug/l	98
17) Carbon Disulfide	2.514	76	126338	42.276	ug/l	98
18) Methyl Acetate	2.709	43	70896	51.076	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	178686	48.111	ug/l	99
20) Methylene Chloride	2.794	84	54788	47.494	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	57486	51.878	ug/l	98
22) Diisopropyl ether	3.764	45	187103	48.933	ug/l	98
23) Vinyl Acetate	3.727	43	785633	249.611	ug/l	99
24) 1,1-Dichloroethane	3.617	63	107876	52.240	ug/l	99
25) 2-Butanone	4.562	43	215536	237.377	ug/l	100
26) 2,2-Dichloropropane	4.483	77	70315	45.938	ug/l #	36
27) cis-1,2-Dichloroethene	4.495	96	611818	483.776	ug/l	90
28) Bromochloromethane	4.904	49	40788	48.104	ug/l	100
29) Tetrahydrofuran	5.013	42	143912	266.864	ug/l	99
30) Chloroform	5.099	83	104634	48.767	ug/l	99
31) Cyclohexane	5.477	56	91261	45.192	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	91218	48.333	ug/l	99
36) 1,1-Dichloropropene	5.696	75	76815	46.517	ug/l	99
37) Ethyl Acetate	4.721	43	84228	50.422	ug/l #	81
38) Carbon Tetrachloride	5.684	117	81192	47.799	ug/l	95
39) Methylcyclohexane	7.385	83	92414	46.396	ug/l	98
40) Benzene	6.044	78	222401	48.726	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48408	51.157	ug/l	97
42) 1,2-Dichloroethane	6.092	62	87289	48.880	ug/l	98
43) Isopropyl Acetate	6.342	43	135639	50.267	ug/l	100
44) Trichloroethene	7.129	130	135300	104.466	ug/l	97
45) 1,2-Dichloropropane	7.434	63	57307	50.300	ug/l	98
46) Dibromomethane	7.586	93	39485	49.163	ug/l	99
47) Bromodichloromethane	7.824	83	80591	49.663	ug/l	100
48) Methyl methacrylate	7.696	41	67847	50.736	ug/l	99
49) 1,4-Dioxane	7.678	88	22036	1004.136	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	424847	265.448	ug/l	98
52) Toluene	8.720	92	529566	189.200	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	77394	44.817	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	87722	50.330	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	55047	50.397	ug/l	99
56) Ethyl methacrylate	9.116	69	86759	51.830	ug/l	97
57) 1,3-Dichloropropane	9.311	76	95636	50.503	ug/l	100
59) 2-Hexanone	9.433	43	310806	253.725	ug/l	98
60) Dibromochloromethane	9.525	129	58956	51.797	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57785	50.770	ug/l	98
64) Tetrachloroethene	9.275	164	64991	49.001	ug/l	96
65) Chlorobenzene	10.080	112	141691	47.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	53308	48.523	ug/l	99
67) Ethyl Benzene	10.195	91	258553	48.121	ug/l	99
68) m/p-Xylenes	10.305	106	196848	97.899	ug/l	99
69) o-Xylene	10.646	106	95619	49.283	ug/l	98
70) Styrene	10.659	104	158857	50.177	ug/l	98
71) Bromoform	10.799	173	39980	47.655	ug/l #	99
73) Isopropylbenzene	10.964	105	253622	47.457	ug/l	99
74) N-amyl acetate	10.848	43	100696	48.806	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	71144	49.596	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	71748m	49.980	ug/l	
77) Bromobenzene	11.201	156	58648	47.902	ug/l	99
78) n-propylbenzene	11.305	91	289269	47.465	ug/l	100
79) 2-Chlorotoluene	11.366	91	173393	46.918	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	209242	47.491	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21354	47.229	ug/l	95
82) 4-Chlorotoluene	11.457	91	198775	46.799	ug/l	98
83) tert-Butylbenzene	11.719	119	199128	48.414	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	210658	47.802	ug/l	99
85) sec-Butylbenzene	11.890	105	256335	48.182	ug/l	100
86) p-Isopropyltoluene	12.012	119	217773	48.790	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109111	47.545	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110368	47.514	ug/l	99
89) n-Butylbenzene	12.335	91	184994	48.297	ug/l	100
90) Hexachloroethane	12.542	117	33735	45.495	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	106808	49.250	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18004	51.930	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	67706	48.695	ug/l	100
94) Hexachlorobutadiene	13.725	225	27101	46.173	ug/l	99
95) Naphthalene	13.780	128	239823	51.711	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68206	49.880	ug/l	99

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

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