

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027884.D
 Acq On : 01 Apr 2022 16:22
 Operator : JC/MD
 Sample : N2074-21MSD 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20220321MSD

Quant Time: Apr 02 05:08:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	63944	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	108637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48494	58.777	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.560%			
35) Dibromofluoromethane	5.391	113	35565	50.718	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.440%			
50) Toluene-d8	8.652	98	123210	49.939	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.085	95	53859	51.369	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	27415	47.314	ug/l	97
3) Chloromethane	1.288	50	22841	44.610	ug/l	99
4) Vinyl Chloride	1.373	62	24900	47.418	ug/l	99
5) Bromomethane	1.605	94	10158	42.901	ug/l	98
6) Chloroethane	1.684	64	15439	43.616	ug/l	100
7) Trichlorofluoromethane	1.885	101	43509	47.232	ug/l	96
8) Diethyl Ether	2.135	74	15812	47.821	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.330	101	31088	51.921	ug/l	97
10) Methyl Iodide	2.452	142	33505	48.186	ug/l	92
11) Tert butyl alcohol	2.971	59	41349	260.906	ug/l	98
12) 1,1-Dichloroethene	2.318	96	25557	46.521	ug/l	91
13) Acrolein	2.233	56	39485	332.652	ug/l	97
14) Allyl chloride	2.666	41	50058	49.631	ug/l #	88
15) Acrylonitrile	3.062	53	96204	258.524	ug/l	97
16) Acetone	2.379	43	85555	234.308	ug/l	90
17) Carbon Disulfide	2.513	76	44348	39.462	ug/l	99
18) Methyl Acetate	2.702	43	44542	49.485	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	106952	51.098	ug/l	98
20) Methylene Chloride	2.788	84	30054	45.760	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	25924	43.476	ug/l	88
22) Diisopropyl ether	3.763	45	101673	50.300	ug/l	90
23) Vinyl Acetate	3.720	43	446187	255.492	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	55733	49.010	ug/l	98
25) 2-Butanone	4.556	43	133828	251.885	ug/l	94
26) 2,2-Dichloropropane	4.476	77	43547	47.946	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	35604	49.517	ug/l	99
28) Bromochloromethane	4.903	49	27464	56.148	ug/l	86
29) Tetrahydrofuran	5.007	42	90741	265.879	ug/l #	84
30) Chloroform	5.098	83	65158	51.544	ug/l	99
31) Cyclohexane	5.470	56	42611	46.721	ug/l	88
32) 1,1,1-Trichloroethane	5.391	97	55681	50.920	ug/l	97
36) 1,1-Dichloropropene	5.696	75	40533	45.894	ug/l	97
37) Ethyl Acetate	4.714	43	50159	45.812	ug/l	97
38) Carbon Tetrachloride	5.684	117	48697	49.907	ug/l	98
39) Methylcyclohexane	7.384	83	42937	41.313	ug/l	91
40) Benzene	6.043	78	119763	44.746	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	30140	51.753	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	54040	50.529	ug/l	95
43) Isopropyl Acetate	6.342	43	86174	49.138	ug/l #	91
44) Trichloroethene	7.128	130	130843	179.885	ug/l	89
45) 1,2-Dichloropropane	7.433	63	32933	45.802	ug/l	97
46) Dibromomethane	7.586	93	24682	45.610	ug/l	90
47) Bromodichloromethane	7.823	83	51241	47.543	ug/l	98
48) Methyl methacrylate	7.695	41	43045	46.803	ug/l #	79
49) 1,4-Dioxane	7.665	88	16495	908.553	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	287648	236.445	ug/l	88
52) Toluene	8.720	92	75284	44.655	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	50460	46.715	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	53025	46.618	ug/l #	82
55) 1,1,2-Trichloroethane	9.152	97	34457	46.080	ug/l	96
56) Ethyl methacrylate	9.116	69	55598	46.947	ug/l #	75
57) 1,3-Dichloropropane	9.311	76	57659	45.821	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	3649	6.172	ug/l	98
59) 2-Hexanone	9.433	43	222199	237.208	ug/l	84
60) Dibromochloromethane	9.524	129	36940	47.645	ug/l	97
61) 1,2-Dibromoethane	9.610	107	35654	45.632	ug/l	99
64) Tetrachloroethene	9.274	164	29081	43.358	ug/l	91
65) Chlorobenzene	10.079	112	85414	43.847	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	33454	45.765	ug/l	99
67) Ethyl Benzene	10.195	91	156154	44.174	ug/l	99
68) m/p-Xylenes	10.305	106	115557	88.881	ug/l	89
69) o-Xylene	10.646	106	58089	45.744	ug/l	88
70) Styrene	10.658	104	98990	45.863	ug/l #	93
71) Bromoform	10.805	173	26356	45.226	ug/l #	98
73) Isopropylbenzene	10.963	105	158257	40.521	ug/l	98
74) N-amyl acetate	10.847	43	73443	41.748	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	58277	43.942	ug/l	98
76) 1,2,3-Trichloropropane	11.243	75	53892m	43.796	ug/l	
77) Bromobenzene	11.201	156	37422	42.027	ug/l	86
78) n-propylbenzene	11.304	91	188457	40.389	ug/l	99
79) 2-Chlorotoluene	11.365	91	117671	40.129	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	140756	41.534	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	16297	40.530	ug/l #	81
82) 4-Chlorotoluene	11.457	91	135578	40.291	ug/l	98
83) tert-Butylbenzene	11.719	119	136769	41.736	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	139087	41.161	ug/l	98
85) sec-Butylbenzene	11.890	105	170377	42.129	ug/l	99
86) p-Isopropyltoluene	12.012	119	146302	43.492	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	74112	42.283	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	74691	41.365	ug/l	97
89) n-Butylbenzene	12.335	91	123183	40.725	ug/l	96
90) Hexachloroethane	12.542	117	24277	44.939	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	76152	43.984	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	13772	43.137	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	47850	45.193	ug/l	97
94) Hexachlorobutadiene	13.725	225	21765	46.579	ug/l	93
95) Naphthalene	13.780	128	170744	46.186	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47771	46.055	ug/l	95

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

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