

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032325.D
 Acq On : 22 Oct 2022 06:43
 Operator : JC/MD
 Sample : N5248-26MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-16-20221019MSD

Quant Time: Oct 22 07:11:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	120948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82312	52.314	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.620%			
35) Dibromofluoromethane	5.391	113	65011	47.831	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.660%			
50) Toluene-d8	8.646	98	231837	47.385	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.780%			
62) 4-Bromofluorobenzene	11.079	95	92525	51.644	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55656	50.299	ug/l	99
3) Chloromethane	1.294	50	51789	48.268	ug/l	100
4) Vinyl Chloride	1.373	62	58087	48.742	ug/l	98
5) Bromomethane	1.617	94	52070	41.731	ug/l	99
6) Chloroethane	1.690	64	47941	45.386	ug/l	97
7) Trichlorofluoromethane	1.885	101	117880	55.642	ug/l	98
8) Diethyl Ether	2.135	74	39050	54.240	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.330	101	59452	51.762	ug/l	97
10) Methyl Iodide	2.452	142	62921	37.909	ug/l	97
11) Tert butyl alcohol	3.013	59	56927m	257.611	ug/l	
12) 1,1-Dichloroethene	2.318	96	55173	51.107	ug/l	90
13) Acrolein	2.239	56	50782	265.130	ug/l	99
14) Allyl chloride	2.666	41	93829	55.339	ug/l	98
15) Acrylonitrile	3.068	53	150112	254.383	ug/l	99
16) Acetone	2.391	43	138404	271.060	ug/l	97
17) Carbon Disulfide	2.513	76	121550	48.094	ug/l	98
18) Methyl Acetate	2.708	43	83569	48.209	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	210739	56.650	ug/l	99
20) Methylene Chloride	2.794	84	64516	49.208	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	60782	51.694	ug/l	93
22) Diisopropyl ether	3.757	45	208949	56.276	ug/l	96
23) Vinyl Acetate	3.720	43	746979	251.713	ug/l	99
24) 1,1-Dichloroethane	3.611	63	118917	55.432	ug/l	99
25) 2-Butanone	4.568	43	208815	261.938	ug/l	100
26) 2,2-Dichloropropane	4.476	77	73839	47.773	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	74543	54.146	ug/l	98
28) Bromochloromethane	4.903	49	44754	50.565	ug/l	98
29) Tetrahydrofuran	5.013	42	132620	257.573	ug/l	100
30) Chloroform	5.092	83	133360	57.114	ug/l	96
31) Cyclohexane	5.470	56	93645	52.062	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	117069	58.794	ug/l	100
36) 1,1-Dichloropropene	5.696	75	90127	51.549	ug/l	98
37) Ethyl Acetate	4.714	43	77788	45.441	ug/l	100
38) Carbon Tetrachloride	5.684	117	103943	56.316	ug/l	99
39) Methylcyclohexane	7.384	83	102801	49.220	ug/l	96
40) Benzene	6.043	78	261603	51.625	ug/l	100

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41) Methacrylonitrile	4.922	41	49405	54.732	ug/l	97
42) 1,2-Dichloroethane	6.086	62	110906	57.139	ug/l	98
43) Isopropyl Acetate	6.342	43	137302	51.103	ug/l	99
44) Trichloroethene	7.128	130	70629	50.615	ug/l	100
45) 1,2-Dichloropropane	7.433	63	67883	53.103	ug/l	97
46) Dibromomethane	7.580	93	50693	53.169	ug/l	97
47) Bromodichloromethane	7.823	83	99740	56.630	ug/l	99
48) Methyl methacrylate	7.695	41	73693	54.997	ug/l	97
49) 1,4-Dioxane	7.714	88	30162	1121.615	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	441773	262.302	ug/l	100
52) Toluene	8.720	92	173349	52.809	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	101380	51.042	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	104373	53.184	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	71152	53.358	ug/l	99
56) Ethyl methacrylate	9.116	69	106555	55.482	ug/l	99
57) 1,3-Dichloropropane	9.311	76	116808	54.078	ug/l	99
59) 2-Hexanone	9.433	43	331885	264.093	ug/l	99
60) Dibromochloromethane	9.524	129	78324	57.309	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75925	53.709	ug/l	98
64) Tetrachloroethene	9.274	164	57310	48.348	ug/l	97
65) Chlorobenzene	10.079	112	188028	51.089	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	73460	55.782	ug/l	99
67) Ethyl Benzene	10.195	91	343639	52.737	ug/l	100
68) m/p-Xylenes	10.305	106	266093	103.405	ug/l	97
69) o-Xylene	10.646	106	130348	52.875	ug/l	98
70) Styrene	10.658	104	221371	53.251	ug/l	98
71) Bromoform	10.798	173	55115	49.358	ug/l #	100
73) Isopropylbenzene	10.963	105	354356	51.302	ug/l	100
74) N-amyl acetate	10.841	43	127643	50.021	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	108409	48.819	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	96422m	50.271	ug/l	
77) Bromobenzene	11.201	156	85875	50.721	ug/l	97
78) n-propylbenzene	11.305	91	408873	51.696	ug/l	100
79) 2-Chlorotoluene	11.365	91	246908	51.798	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	309122	51.812	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27481	45.296	ug/l	98
82) 4-Chlorotoluene	11.457	91	292835	52.766	ug/l	100
83) tert-Butylbenzene	11.713	119	312701	52.384	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	308117	53.119	ug/l	98
85) sec-Butylbenzene	11.890	105	372323	51.610	ug/l	99
86) p-Isopropyltoluene	12.012	119	319064	51.979	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	163956	50.313	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	169057	50.504	ug/l	100
89) n-Butylbenzene	12.335	91	273141	50.520	ug/l	99
90) Hexachloroethane	12.542	117	52172	54.774	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	161639	50.527	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	23029	54.280	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	100675	48.341	ug/l	99
94) Hexachlorobutadiene	13.725	225	40647	44.970	ug/l	99
95) Naphthalene	13.774	128	332232	49.809	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	99664	47.579	ug/l	99

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

