

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032323.D
 Acq On : 22 Oct 2022 05:57
 Operator : JC/MD
 Sample : N5248-24MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-12R-20221018MSD

Quant Time: Oct 22 07:01:20 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	5.556	168	126092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90444	55.138	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.280%			
35) Dibromofluoromethane	5.391	113	71403	51.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.700%			
50) Toluene-d8	8.653	98	251653	50.273	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.540%			
62) 4-Bromofluorobenzene	11.079	95	102384	55.856	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54282	47.056	ug/l	98
3) Chloromethane	1.294	50	49544	44.130	ug/l	96
4) Vinyl Chloride	1.374	62	56838	45.748	ug/l	96
5) Bromomethane	1.618	94	50454	38.786	ug/l	99
6) Chloroethane	1.691	64	47824	43.250	ug/l	100
7) Trichlorofluoromethane	1.886	101	117802	53.336	ug/l	99
8) Diethyl Ether	2.130	74	37471	49.924	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	58771	49.081	ug/l	98
10) Methyl Iodide	2.453	142	61152	35.340	ug/l	97
11) Tert butyl alcohol	3.008	59	61761m	269.119	ug/l	
12) 1,1-Dichloroethene	2.319	96	54798	48.689	ug/l	90
13) Acrolein	2.239	56	49546	248.124	ug/l	99
14) Allyl chloride	2.666	41	91049	51.508	ug/l	97
15) Acrylonitrile	3.069	53	146792	238.609	ug/l	98
16) Acetone	2.392	43	135499	254.545	ug/l	97
17) Carbon Disulfide	2.514	76	117513	44.600	ug/l	98
18) Methyl Acetate	2.709	43	81510	45.103	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	204524	52.736	ug/l	99
20) Methylene Chloride	2.788	84	63056	46.133	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	59476	48.520	ug/l	94
22) Diisopropyl ether	3.757	45	203581	52.593	ug/l	99
23) Vinyl Acetate	3.721	43	720837	232.994	ug/l	99
24) 1,1-Dichloroethane	3.611	63	113863	50.911	ug/l	99
25) 2-Butanone	4.562	43	208556	250.940	ug/l	98
26) 2,2-Dichloropropane	4.483	77	71904	44.623	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	73650	51.315	ug/l	99
28) Bromochloromethane	4.898	49	44128	47.824	ug/l	99
29) Tetrahydrofuran	5.013	42	132430	246.711	ug/l	99
30) Chloroform	5.099	83	128237	52.680	ug/l	99
31) Cyclohexane	5.471	56	91097	48.579	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	120346	57.974	ug/l	99
36) 1,1-Dichloropropene	5.696	75	87157	48.724	ug/l	99
37) Ethyl Acetate	4.715	43	77654	44.338	ug/l	99
38) Carbon Tetrachloride	5.678	117	108766	57.598	ug/l	99
39) Methylcyclohexane	7.379	83	99580	46.600	ug/l	96
40) Benzene	6.038	78	252785	48.758	ug/l	99

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41) Methacrylonitrile	4.922	41	47064	50.960	ug/l	98
42) 1,2-Dichloroethane	6.086	62	105448	53.100	ug/l	99
43) Isopropyl Acetate	6.342	43	133498	48.564	ug/l	99
44) Trichloroethene	7.129	130	81788	57.287	ug/l	99
45) 1,2-Dichloropropane	7.434	63	65501	50.082	ug/l	98
46) Dibromomethane	7.580	93	50131	51.392	ug/l	97
47) Bromodichloromethane	7.824	83	97315	54.005	ug/l	97
48) Methyl methacrylate	7.696	41	72152	52.630	ug/l	97
49) 1,4-Dioxane	7.726	88	29641	1077.337	ug/l #	75
51) 4-Methyl-2-Pentanone	8.574	43	433661	251.668	ug/l	100
52) Toluene	8.720	92	168100	50.053	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	97445	48.062	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	103561	51.578	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	69537	50.968	ug/l	98
56) Ethyl methacrylate	9.116	69	103077	52.459	ug/l	98
57) 1,3-Dichloropropane	9.311	76	112627	50.964	ug/l	100
59) 2-Hexanone	9.433	43	325545	253.196	ug/l	99
60) Dibromochloromethane	9.525	129	75781	54.196	ug/l	99
61) 1,2-Dibromoethane	9.610	107	73582	50.876	ug/l	99
64) Tetrachloroethene	9.275	164	59531	49.348	ug/l	95
65) Chlorobenzene	10.079	112	184339	49.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	71182	53.112	ug/l	99
67) Ethyl Benzene	10.195	91	334105	50.382	ug/l	99
68) m/p-Xylenes	10.305	106	261220	99.747	ug/l	98
69) o-Xylene	10.640	106	126690	50.498	ug/l	97
70) Styrene	10.659	104	213991	50.580	ug/l	98
71) Bromoform	10.799	173	52742	46.540	ug/l #	99
73) Isopropylbenzene	10.963	105	344658	49.127	ug/l	100
74) N-amyl acetate	10.842	43	122408	47.228	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	107618	47.714	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	93878m	48.188	ug/l	
77) Bromobenzene	11.201	156	82737	48.113	ug/l	96
78) n-propylbenzene	11.305	91	404069	50.299	ug/l	99
79) 2-Chlorotoluene	11.366	91	243319	50.257	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	303071	50.013	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27209	44.225	ug/l	99
82) 4-Chlorotoluene	11.457	91	284351	50.446	ug/l	99
83) tert-Butylbenzene	11.713	119	301005	49.646	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	298694	50.699	ug/l	98
85) sec-Butylbenzene	11.890	105	362953	49.534	ug/l	99
86) p-Isopropyltoluene	12.012	119	310910	49.868	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	160458	48.479	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	161086	47.379	ug/l	98
89) n-Butylbenzene	12.335	91	270411	49.243	ug/l	99
90) Hexachloroethane	12.542	117	50384	52.079	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	158961	48.922	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22520	52.261	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	97778	46.225	ug/l	100
94) Hexachlorobutadiene	13.725	225	39960	43.527	ug/l	99
95) Naphthalene	13.774	128	322419	47.591	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	97212	45.692	ug/l	99

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

