

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043997.D
 Acq On : 25 Nov 2024 19:17
 Operator : JC/MD
 Sample : P4846-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-EVAL-04D-20241113MSD

Quant Time: Nov 26 00:53:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/26/2024
 Supervised By :Semsettin Yesilyurt 11/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	119055	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	218255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	194980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113795	55.727	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.460%			
35) Dibromofluoromethane	5.379	113	83918	53.809	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.620%			
50) Toluene-d8	8.647	98	290156	53.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.940%			
62) 4-Bromofluorobenzene	11.079	95	100346	54.847	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68418	45.363	ug/l	99
3) Chloromethane	1.294	50	78598	49.522	ug/l	99
4) Vinyl Chloride	1.374	62	82239	48.716	ug/l	97
5) Bromomethane	1.593	94	58446	56.279	ug/l	97
6) Chloroethane	1.660	64	48322	46.976	ug/l	99
7) Trichlorofluoromethane	1.867	101	159844	52.961	ug/l	98
8) Diethyl Ether	2.136	74	56888	51.714	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	70242	48.790	ug/l	99
10) Methyl Iodide	2.440	142	94361	52.480	ug/l	98
11) Tert butyl alcohol	3.001	59	74653	227.768	ug/l	99
12) 1,1-Dichloroethene	2.306	96	68848	50.186	ug/l	98
13) Acrolein	2.233	56	80504	233.027	ug/l	99
14) Allyl chloride	2.654	41	114997	51.301	ug/l	96
15) Acrylonitrile	3.068	53	207366	259.621	ug/l	99
16) Acetone	2.386	43	184753	196.992	ug/l	100
17) Carbon Disulfide	2.501	76	132661	46.880	ug/l	97
18) Methyl Acetate	2.703	43	107746	49.332	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	270138	54.232	ug/l	100
20) Methylene Chloride	2.782	84	83213	52.284	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	74452	52.566	ug/l	94
22) Diisopropyl ether	3.763	45	259995	54.242	ug/l	98
23) Vinyl Acetate	3.721	43	1074693	262.098	ug/l	99
24) 1,1-Dichloroethane	3.605	63	148896	53.846	ug/l	99
25) 2-Butanone	4.562	43	287884	237.891	ug/l	100
26) 2,2-Dichloropropane	4.471	77	110861	44.393	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	90870	51.903	ug/l	98
28) Bromochloromethane	4.891	49	62470	51.324	ug/l	98
29) Tetrahydrofuran	5.007	42	184658	248.899	ug/l	100
30) Chloroform	5.092	83	157194	52.855	ug/l	96
31) Cyclohexane	5.464	56	109935	48.305	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	134109	52.290	ug/l	99
36) 1,1-Dichloropropene	5.690	75	96555	49.684	ug/l	97
37) Ethyl Acetate	4.708	43	110971	46.001	ug/l	98
38) Carbon Tetrachloride	5.665	117	106716	48.870	ug/l	96
39) Methylcyclohexane	7.372	83	113452	44.937	ug/l	99
40) Benzene	6.031	78	306158	50.575	ug/l	99

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41) Methacrylonitrile	4.928	41	62008	50.222	ug/l	95
42) 1,2-Dichloroethane	6.080	62	124690	51.287	ug/l	100
43) Isopropyl Acetate	6.342	43	190522	49.626	ug/l	99
44) Trichloroethene	7.123	130	159601	93.134	ug/l	94
45) 1,2-Dichloropropane	7.427	63	77252	52.104	ug/l	93
46) Dibromomethane	7.580	93	60579	51.652	ug/l	99
47) Bromodichloromethane	7.818	83	110925	52.735	ug/l	98
48) Methyl methacrylate	7.696	41	92817	50.385	ug/l	98
49) 1,4-Dioxane	7.665	88	26754	815.305	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	615048	262.523	ug/l	100
52) Toluene	8.714	92	193684	53.457	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	114552	53.404	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	123080	52.342	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	81166	54.268	ug/l	98
56) Ethyl methacrylate	9.116	69	126753	54.410	ug/l	100
57) 1,3-Dichloropropane	9.305	76	135608	53.824	ug/l	99
59) 2-Hexanone	9.433	43	454908	258.333	ug/l	100
60) Dibromochloromethane	9.518	129	82662	55.085	ug/l	100
61) 1,2-Dibromoethane	9.610	107	80988	53.552	ug/l	99
64) Tetrachloroethene	9.268	164	60288	46.892	ug/l	91
65) Chlorobenzene	10.079	112	209596	48.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	73443	52.882	ug/l	99
67) Ethyl Benzene	10.189	91	364191	50.189	ug/l	100
68) m/p-Xylenes	10.299	106	271439	100.308	ug/l	99
69) o-Xylene	10.640	106	133174	50.405	ug/l	96
70) Styrene	10.652	104	226330	51.793	ug/l	98
71) Bromoform	10.799	173	49025	46.706	ug/l #	100
73) Isopropylbenzene	10.963	105	349342	49.730	ug/l	100
74) N-amyl acetate	10.841	43	162532	49.945	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	123380	51.294	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100151m	49.974	ug/l	
77) Bromobenzene	11.195	156	82986	49.522	ug/l	99
78) n-propylbenzene	11.305	91	392227	49.993	ug/l	98
79) 2-Chlorotoluene	11.360	91	244095	49.202	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	289679	50.123	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33220	45.232	ug/l	97
82) 4-Chlorotoluene	11.451	91	275689	49.222	ug/l	100
83) tert-Butylbenzene	11.713	119	292215	51.012	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	290704	50.523	ug/l	99
85) sec-Butylbenzene	11.890	105	343923	49.003	ug/l	99
86) p-Isopropyltoluene	12.006	119	289829	50.838	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	149971	49.137	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	152147	48.895	ug/l	99
89) n-Butylbenzene	12.329	91	247152	49.171	ug/l	100
90) Hexachloroethane	12.536	117	46635	48.106	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	154236	50.075	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24162	50.132	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	87717	48.305	ug/l	99
94) Hexachlorobutadiene	13.725	225	32788	45.686	ug/l	96
95) Naphthalene	13.774	128	327480	50.099	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	93264	50.743	ug/l	98

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

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