

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043996.D
 Acq On : 25 Nov 2024 18:54
 Operator : JC/MD
 Sample : P4846-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 26 00:52:56 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	120595	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	220639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105158	50.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.680%		
35) Dibromofluoromethane	5.379	113	79952	50.712	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.420%		
50) Toluene-d8	8.647	98	264505	48.670	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.340%		
62) 4-Bromofluorobenzene	11.079	95	91308	49.368	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	71704	46.935	ug/l	99
3) Chloromethane	1.295	50	77541	48.232	ug/l	99
4) Vinyl Chloride	1.374	62	83504	48.833	ug/l	97
5) Bromomethane	1.593	94	53075	50.454	ug/l	99
6) Chloroethane	1.660	64	49251	47.268	ug/l	100
7) Trichlorofluoromethane	1.868	101	162135	53.034	ug/l	97
8) Diethyl Ether	2.136	74	55409	49.726	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	69771	47.844	ug/l	100
10) Methyl Iodide	2.441	142	94089	51.660	ug/l	99
11) Tert butyl alcohol	2.995	59	64244	193.507	ug/l	96
12) 1,1-Dichloroethene	2.307	96	67089	48.279	ug/l	95
13) Acrolein	2.233	56	80891	231.157	ug/l	99
14) Allyl chloride	2.654	41	108894	47.958	ug/l	97
15) Acrylonitrile	3.063	53	198769	245.680	ug/l	100
16) Acetone	2.386	43	177216	186.542	ug/l	98
17) Carbon Disulfide	2.502	76	122972	42.901	ug/l	99
18) Methyl Acetate	2.703	43	104051	47.032	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	255059	50.551	ug/l	97
20) Methylene Chloride	2.782	84	78426	48.647	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	72369	50.442	ug/l	94
22) Diisopropyl ether	3.764	45	247410	50.957	ug/l	97
23) Vinyl Acetate	3.721	43	1014001	244.138	ug/l	99
24) 1,1-Dichloroethane	3.599	63	143713	51.308	ug/l	99
25) 2-Butanone	4.562	43	275411	224.678	ug/l	100
26) 2,2-Dichloropropane	4.471	77	109495	43.286	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	90558	51.064	ug/l	97
28) Bromochloromethane	4.898	49	56062	45.471	ug/l	95
29) Tetrahydrofuran	5.007	42	178591	237.648	ug/l	99
30) Chloroform	5.087	83	157159	52.168	ug/l	93
31) Cyclohexane	5.458	56	109631	47.556	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	135274	52.071	ug/l	100
36) 1,1-Dichloropropene	5.684	75	95627	48.675	ug/l	98
37) Ethyl Acetate	4.715	43	108664	44.558	ug/l	99
38) Carbon Tetrachloride	5.672	117	107500	48.698	ug/l	98
39) Methylcyclohexane	7.373	83	117301	45.960	ug/l	99
40) Benzene	6.031	78	302334	49.404	ug/l	96

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41) Methacrylonitrile	4.928	41	60749	48.670	ug/l	96
42) 1,2-Dichloroethane	6.080	62	120957	49.214	ug/l	99
43) Isopropyl Acetate	6.342	43	180966	46.628	ug/l	99
44) Trichloroethene	7.123	130	173643	100.234	ug/l	91
45) 1,2-Dichloropropane	7.428	63	75361	50.280	ug/l	98
46) Dibromomethane	7.580	93	58847	49.633	ug/l	98
47) Bromodichloromethane	7.818	83	106558	50.111	ug/l	99
48) Methyl methacrylate	7.696	41	87645	47.063	ug/l	99
49) 1,4-Dioxane	7.665	88	24352	734.088	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	579738	244.777	ug/l	99
52) Toluene	8.714	92	184277	50.311	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	104137	48.024	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	115027	48.388	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	75322	49.817	ug/l	99
56) Ethyl methacrylate	9.116	69	118506	50.320	ug/l	100
57) 1,3-Dichloropropane	9.305	76	128285	50.367	ug/l	100
59) 2-Hexanone	9.433	43	421761	236.922	ug/l	99
60) Dibromochloromethane	9.519	129	75439	49.729	ug/l	99
61) 1,2-Dibromoethane	9.610	107	76596	50.101	ug/l	100
64) Tetrachloroethene	9.269	164	58869	46.982	ug/l	95
65) Chlorobenzene	10.080	112	200366	48.008	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69791	51.562	ug/l	99
67) Ethyl Benzene	10.189	91	348750	49.313	ug/l	99
68) m/p-Xylenes	10.299	106	260848	98.905	ug/l	99
69) o-Xylene	10.640	106	127980	49.701	ug/l	99
70) Styrene	10.653	104	216669	50.874	ug/l	100
71) Bromoform	10.799	173	44958	44.141	ug/l #	99
73) Isopropylbenzene	10.964	105	336432	49.694	ug/l	99
74) N-amyl acetate	10.842	43	149557	47.686	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	117727	50.785	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	92808m	48.051	ug/l	
77) Bromobenzene	11.195	156	79624	49.303	ug/l	98
78) n-propylbenzene	11.305	91	374930	49.586	ug/l	99
79) 2-Chlorotoluene	11.360	91	231915	48.505	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	277179	49.765	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30566	43.184	ug/l	96
82) 4-Chlorotoluene	11.451	91	265741	49.230	ug/l	99
83) tert-Butylbenzene	11.713	119	276846	50.147	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	280332	50.553	ug/l	99
85) sec-Butylbenzene	11.890	105	332616	49.174	ug/l	100
86) p-Isopropyltoluene	12.006	119	280594	51.070	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	144751	49.211	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	143604	47.886	ug/l	97
89) n-Butylbenzene	12.329	91	238346	49.203	ug/l	100
90) Hexachloroethane	12.536	117	43558	46.622	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	146316	49.291	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22461	48.356	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	83227	47.557	ug/l	97
94) Hexachlorobutadiene	13.725	225	31980	46.237	ug/l	98
95) Naphthalene	13.774	128	308549	48.978	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	84782	47.863	ug/l	94

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

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