

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061908.D
 Acq On : 21 Nov 2024 09:46
 Operator : MD/SY
 Sample : P4875-15MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2A01MSD

Quant Time: Nov 21 11:57:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 03:29:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	177257	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	180776	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49521	5.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 114.000%	
7) Chloroethane-d5	1.904	69	40306	5.240	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 104.800%	
11) 1,1-Dichloroethene-d2	2.557	65	22117	6.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 127.400%#	
20) 2-Butanone-d5	4.615	46	108637	39.789	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 79.580%	
24) Chloroform-d	5.052	84	102010	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 96.200%	
26) 1,2-Dichloroethane-d4	5.692	65	50420	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 92.400%	
32) Benzene-d6	5.718	84	192374	5.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.200%	
36) 1,2-Dichloropropane-d6	6.679	67	59328	4.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 99.200%	
41) Toluene-d8	7.888	98	184969	6.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 126.000%	
43) trans-1,3-Dichloroprop...	8.174	79	22252	5.022	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 100.400%	
46) 2-Hexanone-d5	8.624	63	82044	40.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 81.140%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53527	4.476	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 89.600%	
66) 1,2-Dichlorobenzene-d4	12.184	152	57605	4.832	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 96.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	76856	4.956	ug/L	95
3) Chloromethane	1.515	50	77219	4.831	ug/L	99
5) Vinyl chloride	1.599	62	77928	4.745	ug/L	96
6) Bromomethane	1.846	94	46505	4.757	ug/L	97
8) Chloroethane	1.927	64	48106	4.543	ug/L	99
9) Trichlorofluoromethane	2.132	101	101310	4.877	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60675	4.747	ug/L	99
12) 1,1-Dichloroethene	2.573	96	57989	4.878	ug/L	96
13) Acetone	2.621	43	90795	48.164	ug/L	95
14) Carbon disulfide	2.785	76	176497	4.668	ug/L	99
15) Methyl Acetate	2.946	43	17214	3.556	ug/L	99
16) Methylene chloride	3.036	84	66737	4.676	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	149371	4.903	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	62292	4.957	ug/L	94
19) 1,1-Dichloroethane	3.856	63	120726	4.932	ug/L	97
21) 2-Butanone	4.692	43	149037	48.917	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	69617	4.923	ug/L	99
23) Bromochloromethane	4.962	128	31191	5.074	ug/L	92
25) Chloroform	5.074	83	127216	4.972	ug/L	98

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27) 1,2-Dichloroethane	5.782	62	81244	4.936	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	103750	4.979	ug/L	99
30) Cyclohexane	5.377	56	104915	4.814	ug/L	99
31) Carbon tetrachloride	5.515	117	88690	5.013	ug/L	100
33) Benzene	5.763	78	275718	5.050	ug/L	100
34) Trichloroethene	6.531	95	72057	4.945	ug/L	98
35) Methylcyclohexane	6.753	83	105837	4.748	ug/L	100
37) 1,2-Dichloropropane	6.779	63	73061	5.151	ug/L	99
38) Bromodichloromethane	7.094	83	84334	4.903	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	98892	4.973	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	408714	53.406	ug/L	99
42) Toluene	7.959	91	302363	5.278	ug/L	97
44) trans-1,3-Dichloropropene	8.200	75	79502	5.034	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	54777	5.242	ug/L	99
47) Tetrachloroethene	8.544	164	54620	5.154	ug/L	95
48) 2-Hexanone	8.672	43	295718	51.596	ug/L	99
49) Dibromochloromethane	8.798	129	57123	5.175	ug/L	99
50) 1,2-Dibromoethane	8.914	107	51776	4.992	ug/L	98
51) Chlorobenzene	9.438	112	191733	4.886	ug/L	99
52) Ethylbenzene	9.560	91	335070	4.887	ug/L	100
53) m,p-Xylene	9.685	106	126590	5.232	ug/L	98
54) o-Xylene	10.090	106	125089	5.123	ug/L	95
55) Styrene	10.106	104	202941	5.044	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	71862	5.367	ug/L	97
59) Bromoform	10.280	173	31646	5.280	ug/L	100
60) Isopropylbenzene	10.473	105	333464	5.305	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	49337	5.294	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	269050	5.365	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	266786	5.336	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	147374	5.281	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	130703	4.839	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	123037	5.070	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.984	75	8482	5.333	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	88001	5.300	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	71628	5.629	ug/L	98
71) Naphthalene	14.081	128	117423	5.725	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65224	5.951	ug/L	99

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

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