

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061907.D
 Acq On : 21 Nov 2024 09:24
 Operator : MD/SY
 Sample : P4875-14MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2A01MS

Quant Time: Nov 21 11:57:40 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	6.242	114	175856	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	189734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50073	5.805	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 116.000%	
7) Chloroethane-d5	1.908	69	41190	5.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 108.000%	
11) 1,1-Dichloroethene-d2	2.560	65	22419	6.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 130.200%#	
20) 2-Butanone-d5	4.615	46	108762	40.152	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 80.300%	
24) Chloroform-d	5.052	84	105452	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 100.200%	
26) 1,2-Dichloroethane-d4	5.692	65	51520	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.200%	
32) Benzene-d6	5.718	84	198692	5.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.400%	
36) 1,2-Dichloropropane-d6	6.679	67	62265	4.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 99.200%	
41) Toluene-d8	7.888	98	181552	5.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 117.800%	
43) trans-1,3-Dichloroprop...	8.174	79	20554	4.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 88.400%	
46) 2-Hexanone-d5	8.624	63	73129	34.454	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 68.900%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47658	3.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 76.000%	
66) 1,2-Dichlorobenzene-d4	12.184	152	57887	4.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 99.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	74597	4.848	ug/L	97
3) Chloromethane	1.518	50	76703	4.837	ug/L	99
5) Vinyl chloride	1.602	62	78936	4.845	ug/L	97
6) Bromomethane	1.850	94	45941	4.737	ug/L	100
8) Chloroethane	1.927	64	49590	4.720	ug/L	93
9) Trichlorofluoromethane	2.133	101	101765	4.938	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61380	4.840	ug/L	98
12) 1,1-Dichloroethene	2.573	96	57858	4.906	ug/L	90
13) Acetone	2.621	43	91903	49.140	ug/L	97
14) Carbon disulfide	2.789	76	175952	4.690	ug/L	100
15) Methyl Acetate	2.946	43	17519	3.648	ug/L	99
16) Methylene chloride	3.036	84	66210	4.676	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	147436	4.878	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	60325	4.839	ug/L	99
19) 1,1-Dichloroethane	3.859	63	120175	4.948	ug/L	99
21) 2-Butanone	4.692	43	147017	48.639	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	70262	5.008	ug/L	99
23) Bromochloromethane	4.965	128	30754	5.042	ug/L	97
25) Chloroform	5.078	83	126000	4.963	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	82750	5.067	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	104347	4.771	ug/L	99
30) Cyclohexane	5.377	56	102522	4.482	ug/L	98
31) Carbon tetrachloride	5.515	117	89944	4.844	ug/L	97
33) Benzene	5.763	78	276294	4.822	ug/L	100
34) Trichloroethene	6.534	95	70996	4.642	ug/L	100
35) Methylcyclohexane	6.753	83	102121	4.365	ug/L	99
37) 1,2-Dichloropropane	6.779	63	74293	4.991	ug/L	99
38) Bromodichloromethane	7.097	83	86246	4.777	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	93489	4.479	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	372998	46.438	ug/L	99
42) Toluene	7.962	91	290160	4.825	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	74566	4.498	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	51253	4.673	ug/L	98
47) Tetrachloroethene	8.544	164	50033	4.498	ug/L	97
48) 2-Hexanone	8.676	43	263660	43.831	ug/L	97
49) Dibromochloromethane	8.801	129	52891	4.565	ug/L	96
50) 1,2-Dibromoethane	8.914	107	48380	4.445	ug/L #	100
51) Chlorobenzene	9.438	112	203213	4.934	ug/L	99
52) Ethylbenzene	9.563	91	350609	4.872	ug/L	98
53) m,p-Xylene	9.685	106	128438	5.058	ug/L	99
54) o-Xylene	10.090	106	109785	4.284	ug/L	96
55) Styrene	10.107	104	179599	4.253	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	61699	4.390	ug/L	100
59) Bromoform	10.280	173	26324	4.500	ug/L	97
60) Isopropylbenzene	10.476	105	292838	4.773	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	42384	4.659	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	227789	4.654	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	227549	4.663	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	128332	4.711	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	125095	4.745	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	120364	5.081	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	9928	6.394	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	97475	6.014	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	62857	5.060	ug/L	96
71) Naphthalene	14.081	128	96654	4.828	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	55619	5.199	ug/L	99

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

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