

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
 Data File : VU061464.D
 Acq On : 05 Nov 2024 19:52
 Operator : MD/SY
 Sample : P4689-09MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD2MS

Quant Time: Nov 06 00:05:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 05 23:59:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150916	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	141757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50900	4.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.908	69	53172	5.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.200%
11) 1,1-Dichloroethene-d2	2.560	65	22322	5.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%
20) 2-Butanone-d5	4.624	46	114242	54.887	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.780%
24) Chloroform-d	5.052	84	103260	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.695	65	51449	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.718	84	211300	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.682	67	61959	5.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.891	98	195383	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	8.174	79	22695	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.624	63	103141	51.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50758	5.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	66315	5.385	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.383	85	48444	4.815	ug/L	99
3) Chloromethane	1.518	50	46240	4.358	ug/L	99
5) Vinyl chloride	1.599	62	54629	4.683	ug/L	99
6) Bromomethane	1.853	94	36165	4.679	ug/L	100
8) Chloroethane	1.930	64	45472	5.294	ug/L	97
9) Trichlorofluoromethane	2.133	101	79894	5.043	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48426	5.147	ug/L	98
12) 1,1-Dichloroethene	2.573	96	43311	4.854	ug/L	97
13) Acetone	2.637	43	71907	54.545	ug/L	96
14) Carbon disulfide	2.788	76	118371	3.976	ug/L	100
15) Methyl Acetate	2.952	43	14237	4.361	ug/L	98
16) Methylene chloride	3.039	84	54244	5.159	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	121428	5.021	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	48229	4.888	ug/L	95
19) 1,1-Dichloroethane	3.859	63	95900	5.154	ug/L	98
21) 2-Butanone	4.702	43	117170	56.064	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	57892	5.137	ug/L	98
23) Bromochloromethane	4.965	128	25934	5.469	ug/L	94
25) Chloroform	5.078	83	104311	5.331	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64565	5.222	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	84585	4.873	ug/L	98
30) Cyclohexane	5.380	56	76698	4.405	ug/L	98
31) Carbon tetrachloride	5.515	117	70038	4.715	ug/L	96
33) Benzene	5.766	78	221261	5.047	ug/L	100
34) Trichloroethene	6.534	95	57496	4.821	ug/L	99
35) Methylcyclohexane	6.753	83	81409	4.289	ug/L	98
37) 1,2-Dichloropropane	6.782	63	58574	5.271	ug/L	100
38) Bromodichloromethane	7.097	83	70318	5.000	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	82018	4.779	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	297913	53.866	ug/L	99
42) Toluene	7.962	91	243319	5.111	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	67018	4.792	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	44299	5.539	ug/L	98
47) Tetrachloroethene	8.547	164	44110	5.296	ug/L	98
48) 2-Hexanone	8.676	43	214904	54.949	ug/L	100
49) Dibromochloromethane	8.801	129	45266	4.991	ug/L	97
50) 1,2-Dibromoethane	8.917	107	40780	5.249	ug/L	98
51) Chlorobenzene	9.438	112	156025	5.185	ug/L	97
52) Ethylbenzene	9.563	91	258284	4.932	ug/L	100
53) m,p-Xylene	9.685	106	98368	4.931	ug/L	94
54) o-Xylene	10.094	106	98262	4.990	ug/L	100
55) Styrene	10.107	104	157085	4.977	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	53987	5.602	ug/L	97
59) Bromoform	10.283	173	23239	4.514	ug/L	99
60) Isopropylbenzene	10.476	105	253244	4.767	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	37151	5.363	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	197991	4.578	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	193106	4.517	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	112667	5.039	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	112746	4.946	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	108132	5.138	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7111	4.888	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	76703	5.004	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	62511	5.054	ug/L	97
71) Naphthalene	14.081	128	92520	4.740	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	53315	5.152	ug/L	99

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

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