

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061345.D
 Acq On : 01 Nov 2024 05:57
 Operator : MD/SY
 Sample : P4631-12MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP06MSD

Quant Time: Nov 01 06:12:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	163283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42982	3.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.908	69	46847	4.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.560	65	19777	3.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.624	46	117722	48.576	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.160%
24) Chloroform-d	5.055	84	106929	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.692	65	52144	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.718	84	211798	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.682	67	63669	4.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.891	98	196140	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	24245	4.294	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.624	63	108376	46.864	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50806	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	65148	4.697	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	60504	5.165	ug/L	99
3) Chloromethane	1.518	50	56823	4.600	ug/L	100
5) Vinyl chloride	1.602	62	65706	4.838	ug/L	100
6) Bromomethane	1.856	94	47805	5.312	ug/L	98
8) Chloroethane	1.930	64	52103	5.210	ug/L	100
9) Trichlorofluoromethane	2.133	101	96170	5.213	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	56151	5.126	ug/L	98
12) 1,1-Dichloroethene	2.573	96	52035	5.009	ug/L	93
13) Acetone	2.637	43	79886	52.044	ug/L	98
14) Carbon disulfide	2.789	76	153697	4.434	ug/L	99
15) Methyl Acetate	2.953	43	18125	4.769	ug/L	97
16) Methylene chloride	3.039	84	61155	4.995	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	149191	5.299	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	58027	5.051	ug/L	99
19) 1,1-Dichloroethane	3.859	63	113543	5.241	ug/L	99
21) 2-Butanone	4.702	43	133438	54.836	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	70806	5.396	ug/L	99
23) Bromochloromethane	4.965	128	30257	5.480	ug/L	97
25) Chloroform	5.078	83	121920	5.352	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	75031	5.212	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	102899	5.146	ug/L	100
30) Cyclohexane	5.377	56	98160	4.895	ug/L	99
31) Carbon tetrachloride	5.515	117	87731	5.128	ug/L	99
33) Benzene	5.766	78	262272	5.194	ug/L	100
34) Trichloroethene	6.534	95	70269	5.115	ug/L	98
35) Methylcyclohexane	6.753	83	103338	4.727	ug/L	99
37) 1,2-Dichloropropane	6.782	63	68216	5.329	ug/L	100
38) Bromodichloromethane	7.097	83	83225	5.138	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	96900	4.901	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	350579	55.032	ug/L	100
42) Toluene	7.962	91	288700	5.265	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	77405	4.805	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	50261	5.456	ug/L	99
47) Tetrachloroethene	8.547	164	51334	5.351	ug/L	98
48) 2-Hexanone	8.676	43	254646	56.527	ug/L	100
49) Dibromochloromethane	8.801	129	52870	5.061	ug/L	94
50) 1,2-Dibromoethane	8.917	107	47404	5.297	ug/L	91
51) Chlorobenzene	9.438	112	184134	5.312	ug/L	99
52) Ethylbenzene	9.563	91	313272	5.193	ug/L	99
53) m,p-Xylene	9.685	106	119691	5.208	ug/L	95
54) o-Xylene	10.094	106	117230	5.169	ug/L	97
55) Styrene	10.107	104	188718	5.190	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	62027	5.588	ug/L	98
59) Bromoform	10.283	173	28787	4.965	ug/L	99
60) Isopropylbenzene	10.476	105	307534	5.139	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	42164	5.403	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	245916	5.048	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	243717	5.061	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	133570	5.304	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	133329	5.193	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	125273	5.285	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	8349	5.096	ug/L	89
69) 1,3,5-Trichlorobenzene	13.213	180	91336	5.291	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	75624	5.428	ug/L	98
71) Naphthalene	14.081	128	120617	5.487	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	65242	5.597	ug/L	99

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

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