

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
 Data File : VU061730.D
 Acq On : 15 Nov 2024 19:04
 Operator : MD/SY
 Sample : P4800-16MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCPB5MSD

Quant Time: Nov 15 22:25:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 22:17:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172410	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	163716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48803	4.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.908	69	55251	5.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.200%
11) 1,1-Dichloroethene-d2	2.560	65	21170	4.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.618	46	126866	53.657	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.320%
24) Chloroform-d	5.052	84	112013	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.692	65	55353	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.718	84	220889	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.682	67	67556	5.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.888	98	202465	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.174	79	23769	4.831	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.628	63	109396	56.263	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.520%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	55667	5.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	72939	5.130	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	67310	5.253	ug/L	100
3) Chloromethane	1.515	50	60692	5.221	ug/L	99
5) Vinyl chloride	1.599	62	69182	5.393	ug/L	98
6) Bromomethane	1.853	94	44184	5.772	ug/L	99
8) Chloroethane	1.927	64	51936	5.836	ug/L	98
9) Trichlorofluoromethane	2.133	101	96035	5.092	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61031	5.474	ug/L	99
12) 1,1-Dichloroethene	2.573	96	55041	5.289	ug/L	95
13) Acetone	2.631	43	116234	78.029	ug/L	98
14) Carbon disulfide	2.785	76	162529	4.862	ug/L	100
15) Methyl Acetate	2.949	43	17159	4.610	ug/L	99
16) Methylene chloride	3.036	84	63337	5.281	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	139436	5.466	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	58450	5.120	ug/L	95
19) 1,1-Dichloroethane	3.859	63	114258	5.490	ug/L	99
21) 2-Butanone	4.698	43	134414	55.249	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	69939	5.432	ug/L	100
23) Bromochloromethane	4.965	128	31342	5.481	ug/L	95
25) Chloroform	5.078	83	120066	5.473	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	75581	5.490	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	98529	5.289	ug/L	99
30) Cyclohexane	5.377	56	97072	5.216	ug/L	100
31) Carbon tetrachloride	5.515	117	83785	5.280	ug/L	99
33) Benzene	5.763	78	268745	5.424	ug/L	100
34) Trichloroethene	6.534	95	68908	5.150	ug/L	96
35) Methylcyclohexane	6.753	83	104624	5.185	ug/L	99
37) 1,2-Dichloropropane	6.779	63	69056	5.493	ug/L	99
38) Bromodichloromethane	7.097	83	79414	5.265	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	94443	5.279	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	340419	56.481	ug/L	100
42) Toluene	7.962	91	287919	5.397	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	73544	5.183	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	51099	5.576	ug/L	96
47) Tetrachloroethene	8.544	164	52395	5.212	ug/L	97
48) 2-Hexanone	8.676	43	252129	58.505	ug/L	99
49) Dibromochloromethane	8.801	129	51136	5.322	ug/L	98
50) 1,2-Dibromoethane	8.914	107	47633	5.511	ug/L	95
51) Chlorobenzene	9.438	112	182990	5.329	ug/L	99
52) Ethylbenzene	9.563	91	307064	5.403	ug/L	100
53) m,p-Xylene	9.685	106	118781	5.463	ug/L	99
54) o-Xylene	10.094	106	115699	5.474	ug/L	98
55) Styrene	10.107	104	181706	5.400	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	61993	5.559	ug/L	93
59) Bromoform	10.283	173	27346	5.175	ug/L	99
60) Isopropylbenzene	10.476	105	301322	5.442	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41072	5.461	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	234702	5.294	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	233927	5.421	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	138498	5.455	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	133677	5.185	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	129614	5.489	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7375	5.616	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	93818	5.292	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	76272	5.551	ug/L	99
71) Naphthalene	14.081	128	119056	6.036	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	65819	5.707	ug/L	99

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

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