

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061322.D
 Acq On : 31 Oct 2024 19:31
 Operator : MD/SY
 Sample : P4629-11MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP25MS

Quant Time: Nov 01 00:02:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 31 23:55:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173018	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	160469	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44534	3.789	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.908	69	50310	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.560	65	20698	4.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.624	46	117248	49.135	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	5.052	84	108016	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.695	65	54077	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.718	84	211396	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.682	67	63904	4.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	200071	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.174	79	24040	4.332	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.624	63	105905	46.598	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50840	4.946	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	66671	4.889	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	57140	4.954	ug/L	100
3) Chloromethane	1.515	50	53957	4.436	ug/L	99
5) Vinyl chloride	1.599	62	63104	4.719	ug/L	99
6) Bromomethane	1.853	94	46313	5.226	ug/L	99
8) Chloroethane	1.927	64	49303	5.007	ug/L	99
9) Trichlorofluoromethane	2.133	101	159147	8.762	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	54139	5.019	ug/L	98
12) 1,1-Dichloroethene	2.573	96	50314	4.919	ug/L	94
13) Acetone	2.637	43	71948	47.604	ug/L	97
14) Carbon disulfide	2.785	76	145160	4.253	ug/L	100
15) Methyl Acetate	2.952	43	18055	4.824	ug/L	100
16) Methylene chloride	3.039	84	56648	4.699	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	137492	4.959	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	55547	4.911	ug/L	93
19) 1,1-Dichloroethane	3.859	63	107360	5.032	ug/L	97
21) 2-Butanone	4.702	43	120769	50.404	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	77182	5.974	ug/L	99
23) Bromochloromethane	4.968	128	28215	5.190	ug/L	94
25) Chloroform	5.078	83	111726	4.981	ug/L	99

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27) 1,2-Dichloroethane	5.785	62	69707	4.918	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	94893	4.829	ug/L	98
30) Cyclohexane	5.377	56	91021	4.618	ug/L	99
31) Carbon tetrachloride	5.515	117	81561	4.851	ug/L	97
33) Benzene	5.766	78	242965	4.896	ug/L	100
34) Trichloroethene	6.531	95	844502	62.556	ug/L	99
35) Methylcyclohexane	6.753	83	101581	4.728	ug/L	98
37) 1,2-Dichloropropane	6.782	63	63360	5.037	ug/L	99
38) Bromodichloromethane	7.097	83	77386	4.861	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	94223	4.850	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	313967	50.149	ug/L	100
42) Toluene	7.962	91	266081	4.937	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	75370	4.761	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	46044	5.086	ug/L	99
47) Tetrachloroethene	8.547	164	47051	4.990	ug/L	98
48) 2-Hexanone	8.676	43	227484	51.383	ug/L	99
49) Dibromochloromethane	8.801	129	49541	4.825	ug/L	93
50) 1,2-Dibromoethane	8.917	107	43067	4.897	ug/L	94
51) Chlorobenzene	9.441	112	171412	5.032	ug/L	98
52) Ethylbenzene	9.563	91	291336	4.914	ug/L	100
53) m,p-Xylene	9.685	106	109602	4.853	ug/L	97
54) o-Xylene	10.094	106	107660	4.830	ug/L	97
55) Styrene	10.107	104	174222	4.876	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	55327	5.072	ug/L	97
59) Bromoform	10.283	173	26136	4.585	ug/L	100
60) Isopropylbenzene	10.476	105	285747	4.857	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	38024	4.956	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	227670	4.753	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	222724	4.704	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	124005	5.008	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	119910	4.750	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	115010	4.935	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7332	4.552	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	84491	4.978	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	66999	4.891	ug/L	96
71) Naphthalene	14.081	128	96448	4.462	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	55860	4.875	ug/L	99

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

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