

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
 Data File : VU061729.D
 Acq On : 15 Nov 2024 18:40
 Operator : MD/SY
 Sample : P4800-15MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCPB5MS

Quant Time: Nov 15 22:24:44 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	173348	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	168715	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49468	4.417	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.904	69	54790	5.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.600%
11) 1,1-Dichloroethene-d2	2.560	65	22195	4.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.618	46	133041	55.964	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.920%
24) Chloroform-d	5.052	84	113679	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.692	65	57118	5.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.718	84	223928	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.679	67	68098	4.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.888	98	205997	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.174	79	24076	4.748	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.624	63	114370	57.078	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59497	5.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	72359	5.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	62195	4.827	ug/L	99
3) Chloromethane	1.515	50	57861	4.950	ug/L	98
5) Vinyl chloride	1.599	62	65325	5.065	ug/L	97
6) Bromomethane	1.853	94	41442	5.385	ug/L	98
8) Chloroethane	1.927	64	47799	5.342	ug/L	100
9) Trichlorofluoromethane	2.133	101	91796	4.841	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56554	5.045	ug/L	97
12) 1,1-Dichloroethene	2.573	96	51947	4.964	ug/L	94
13) Acetone	2.628	43	104955	70.076	ug/L	98
14) Carbon disulfide	2.785	76	152189	4.528	ug/L	99
15) Methyl Acetate	2.949	43	13578	3.628	ug/L	94
16) Methylene chloride	3.036	84	61103	5.067	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	132708	5.174	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	57098	4.974	ug/L	97
19) 1,1-Dichloroethane	3.859	63	106564	5.092	ug/L	99
21) 2-Butanone	4.698	43	131637	53.815	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	66175	5.112	ug/L	95
23) Bromochloromethane	4.965	128	29784	5.180	ug/L	98
25) Chloroform	5.078	83	114415	5.187	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	72332	5.226	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	92394	4.812	ug/L	99
30) Cyclohexane	5.377	56	90490	4.718	ug/L	99
31) Carbon tetrachloride	5.515	117	79063	4.835	ug/L	100
33) Benzene	5.766	78	256203	5.018	ug/L	100
34) Trichloroethene	6.534	95	65952	4.783	ug/L	99
35) Methylcyclohexane	6.753	83	95188	4.578	ug/L	100
37) 1,2-Dichloropropane	6.779	63	66372	5.124	ug/L	99
38) Bromodichloromethane	7.097	83	75950	4.886	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	89207	4.839	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	326174	52.514	ug/L	100
42) Toluene	7.962	91	275296	5.007	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	71045	4.858	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	48419	5.127	ug/L	97
47) Tetrachloroethene	8.544	164	49368	4.765	ug/L	98
48) 2-Hexanone	8.676	43	242510	54.606	ug/L	99
49) Dibromochloromethane	8.801	129	49218	4.970	ug/L	98
50) 1,2-Dibromoethane	8.917	107	46850	5.260	ug/L	99
51) Chlorobenzene	9.438	112	172745	4.881	ug/L	98
52) Ethylbenzene	9.563	91	288661	4.929	ug/L	98
53) m,p-Xylene	9.685	106	109492	4.886	ug/L	97
54) o-Xylene	10.090	106	108836	4.997	ug/L	99
55) Styrene	10.107	104	171346	4.941	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	59148	5.147	ug/L	94
59) Bromoform	10.280	173	25651	4.851	ug/L	99
60) Isopropylbenzene	10.476	105	284176	5.129	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	40211	5.343	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	221153	4.985	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	215808	4.998	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	126998	4.998	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	126197	4.891	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	120778	5.111	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6961	5.297	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	86707	4.887	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	68588	4.988	ug/L	97
71) Naphthalene	14.081	128	103386	5.238	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	59134	5.123	ug/L	99

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

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