

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038065.D
 Acq On : 13 Nov 2024 23:35
 Operator : SY/MD
 Sample : P4804-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 14 01:02:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:39:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	210061	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	211878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	90950	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	67909	3.714	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.529	69	67445	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.053	65	28480	3.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.780	46	197243	46.944	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.880%
24) Chloroform-d	4.240	84	162975	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.937	65	80351	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	4.953	84	280150	4.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.982	67	96944	4.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.239	98	209868	3.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	7.558	79	29604	3.561	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.018	63	177600	47.788	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.580%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	84569	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	93194	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%

Target Compounds				Qvalue		
5) Vinyl chloride	1.278	62	265332	12.441	ug/L	100
8) Chloroethane	1.278	64	87856	6.799	ug/L #	45
12) 1,1-Dichloroethene	2.063	96	6488	0.406	ug/L #	1
15) Methyl Acetate	2.433	43	2434	0.372	ug/L #	48
17) Methyl tert-butyl Ether	2.696	73	456465	11.732	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	55600	3.218	ug/L	98
19) 1,1-Dichloroethane	3.108	63	31299	1.008	ug/L	96
22) cis-1,2-Dichloroethene	3.799	96	2180119	120.049	ug/L	97
33) Benzene	5.011	78	21359	0.317	ug/L	100
34) Trichloroethene	5.818	95	1646495	89.379	ug/L	99
35) Methylcyclohexane	5.982	83	23963	0.862	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	11209	0.672	ug/L #	86
47) Tetrachloroethene	7.902	164	10757	0.744	ug/L	89
49) Dibromochloromethane	7.902	129	9661	0.670	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	10430	1.174	ug/L #	59

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

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