

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037569.D
 Acq On : 26 Sep 2024 23:44
 Operator : SY/MD
 Sample : P4184-15
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY041

Quant Time: Sep 27 03:39:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	654313	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	624018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	308125	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	249505	43.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.880%		
7) Chloroethane-d5	1.532	69	196582	44.092	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.180%		
11) 1,1-Dichloroethene-d2	2.060	65	105272	43.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.740%		
21) 2-Butanone-d5	3.789	46	203852	99.642	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.640%		
24) Chloroform-d	4.243	84	438935	42.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.900%		
26) 1,2-Dichloroethane-d4	4.934	65	262034	43.808	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.620%		
32) Benzene-d6	4.950	84	883238	45.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.460%		
36) 1,2-Dichloropropane-d6	5.982	67	278592	44.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.600%		
41) Toluene-d8	7.236	98	791666	44.711	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.420%		
43) trans-1,3-Dichloroprop...	7.548	79	118955	41.183	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.360%		
47) 2-Hexanone-d5	8.024	63	115601	88.046	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.050%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	327106	45.276	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.560%		
66) 1,2-Dichlorobenzene-d4	11.554	152	302711	46.622	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.240%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	241203	41.604	ug/L	99
8) Chloroethane	1.548	64	8158	2.283	ug/L	93
12) 1,1-Dichloroethene	2.069	96	63808	14.648	ug/L #	31
17) trans-1,2-Dichloroethene	2.690	96	43045	9.341	ug/L	95
19) 1,1-Dichloroethane	3.105	63	7033730	796.625	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	7846966	1521.626	ug/L	99
27) 1,2-Dichloroethane	5.047	62	17951	2.782	ug/L	96
30) 1,1,1-Trichloroethane	4.503	97	3416161	444.489	ug/L	99
34) Trichloroethene	5.838	95	16202	3.233	ug/L	94
42) Toluene	7.317	91	115323	5.911	ug/L	100
46) Tetrachloroethene	7.902	164	22035	5.750	ug/L	97
53) m,p-Xylene	9.072	106	15226	1.863	ug/L	95
54) o-Xylene	9.477	106	16077	2.015	ug/L	92
63) 1,2,4-Trimethylbenzene	10.850	105	29183	1.852	ug/L	98

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

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