

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037555.D
 Acq On : 26 Sep 2024 17:55
 Operator : SY/MD
 Sample : P4184-04
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY032

Quant Time: Sep 27 00:53:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	703962	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	665844	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	335801	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	278810	45.117	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.240%
7) Chloroethane-d5	1.532	69	216649	45.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.340%
11) 1,1-Dichloroethene-d2	2.060	65	117150	45.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.760%
21) 2-Butanone-d5	3.789	46	218470	99.256	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.260%
24) Chloroform-d	4.243	84	473917	43.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.220%
26) 1,2-Dichloroethane-d4	4.937	65	282182	43.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.700%
32) Benzene-d6	4.953	84	951848	45.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	5.985	67	298822	45.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.080%
41) Toluene-d8	7.236	98	846900	44.826	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.660%
43) trans-1,3-Dichloroprop...	7.548	79	133591	43.345	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.680%
47) 2-Hexanone-d5	8.024	63	134751	96.184	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.180%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	346728	44.977	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.960%
66) 1,2-Dichlorobenzene-d4	11.554	152	327107	46.228	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.460%
Target Compounds	Qvalue					
5) Vinyl chloride	1.285	62	248174	39.788	ug/L	98
8) Chloroethane	1.548	64	402017	104.569	ug/L	98
12) 1,1-Dichloroethene	2.069	96	47705	10.179	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	37636	7.591	ug/L	97
19) 1,1-Dichloroethane	3.105	63	4183739	440.422	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	2553845	460.296	ug/L	99
27) 1,2-Dichloroethane	5.053	62	12507	1.801	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	2452502	299.059	ug/L	100
34) Trichloroethene	5.838	95	21732	4.064	ug/L	92
42) Toluene	7.317	91	87401	4.198	ug/L	98
46) Tetrachloroethene	7.902	164	51958	12.707	ug/L	98
52) Ethylbenzene	8.947	91	83603	3.568	ug/L	99
53) m,p-Xylene	9.072	106	32417	3.717	ug/L	91
54) o-Xylene	9.477	106	30380	3.568	ug/L	94
63) 1,2,4-Trimethylbenzene	10.847	105	156502	9.113	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	15798	1.521	ug/L #	92

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