

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037627.D
 Acq On : 27 Sep 2024 23:10
 Operator : SY/MD
 Sample : P4185-04DL 100X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY078DL

Quant Time: Sep 28 04:21:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	577206	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	549574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	256667	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	196650	38.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.620%
7) Chloroethane-d5	1.532	69	171163	43.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.040%
11) 1,1-Dichloroethene-d2	2.060	65	88576	41.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.680%
21) 2-Butanone-d5	3.796	46	164986	91.418	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.420%
24) Chloroform-d	4.243	84	410771	45.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.140%
26) 1,2-Dichloroethane-d4	4.937	65	245471	46.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.040%
32) Benzene-d6	4.953	84	781985	45.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
36) 1,2-Dichloropropane-d6	5.985	67	257870	47.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.180%
41) Toluene-d8	7.239	98	670251	42.981	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.960%
43) trans-1,3-Dichloroprop...	7.551	79	105668	41.538	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.080%
47) 2-Hexanone-d5	8.024	63	95479	82.571	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.570%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	291235	45.771	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.540%
66) 1,2-Dichlorobenzene-d4	11.554	152	263040	48.635	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.260%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	134967	26.390	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	3824	0.941	ug/L	95
19) 1,1-Dichloroethane	3.105	63	835659	107.288	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	49719	10.929	ug/L	97
42) Toluene	7.320	91	50230	2.923	ug/L	95
52) Ethylbenzene	8.950	91	22627	1.170	ug/L	97
53) m,p-Xylene	9.075	106	15911	2.210	ug/L	91
54) o-Xylene	9.477	106	18521	2.635	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	12485	0.946	ug/L	97
63) 1,2,4-Trimethylbenzene	10.847	105	74541	5.679	ug/L	99

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

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