

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037579.D
 Acq On : 27 Sep 2024 03:19
 Operator : SY/MD
 Sample : P4185-03
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY077

Quant Time: Sep 27 03:42:08 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	646464	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	623697	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	342095	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	242163	42.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.340%
7) Chloroethane-d5	1.532	69	193576	43.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.900%
11) 1,1-Dichloroethene-d2	2.060	65	104344	44.010	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.020%
21) 2-Butanone-d5	3.793	46	197290	97.606	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.610%
24) Chloroform-d	4.243	84	438360	43.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.840%
26) 1,2-Dichloroethane-d4	4.937	65	261009	44.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.340%
32) Benzene-d6	4.953	84	868266	44.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.980%
36) 1,2-Dichloropropane-d6	5.982	67	281754	45.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.680%
41) Toluene-d8	7.236	98	771454	43.592	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.180%
43) trans-1,3-Dichloroprop...	7.551	79	117712	40.773	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.540%
47) 2-Hexanone-d5	8.024	63	112265	85.549	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.550%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	323952	44.862	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.720%
66) 1,2-Dichlorobenzene-d4	11.555	152	327433	45.422	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.840%

Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	220042	38.415	ug/L	99
9) Trichlorofluoromethane	1.716	101	9497	1.232	ug/L	98
12) 1,1-Dichloroethene	2.069	96	148473	34.498	ug/L	92
17) trans-1,2-Dichloroethene	2.690	96	88162	19.363	ug/L	99
19) 1,1-Dichloroethane	3.105	63	4477541	513.274	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	12604597	2473.867	ug/L	98
27) 1,2-Dichloroethane	5.047	62	19036	2.985	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	4791973	623.822	ug/L	99
33) Benzene	5.011	78	40849	2.172	ug/L	100
34) Trichloroethene	5.834	95	39840	7.953	ug/L	100
35) Methylcyclohexane	6.043	83	11731	1.522	ug/L	85
42) Toluene	7.314	91	219960	11.280	ug/L	99
45) 1,1,2-Trichloroethane	7.777	97	9610	2.060	ug/L	95
46) Tetrachloroethene	7.902	164	27959	7.300	ug/L	96
52) Ethylbenzene	8.940	91	559681	25.498	ug/L	99
53) m,p-Xylene	9.066	106	459696	56.271	ug/L	98
54) o-Xylene	9.471	106	418115	52.425	ug/L	97
60) Isopropylbenzene	9.863	105	120680	5.426	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	790598	44.962	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	10.844	105	3649063	208.573	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	14196	1.341	ug/L	89

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

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