

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037553.D
 Acq On : 26 Sep 2024 17:11
 Operator : SY/MD
 Sample : P4184-02
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY030

Quant Time: Sep 27 00:53:05 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	699699	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	665012	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	365987	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	294269	47.909	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.820%
7) Chloroethane-d5	1.532	69	212180	44.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.056	65	111369	43.399	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.800%
21) 2-Butanone-d5	3.793	46	213983	97.810	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.810%
24) Chloroform-d	4.243	84	460064	42.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	4.937	65	277738	43.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.840%
32) Benzene-d6	4.953	84	927686	44.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
36) 1,2-Dichloropropane-d6	5.982	67	297559	44.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.820%
41) Toluene-d8	7.236	98	847218	44.899	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.548	79	130244	42.312	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.620%
47) 2-Hexanone-d5	8.024	63	140279	100.255	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.260%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	342614	44.499	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	344690	44.695	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.380%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	2679148	432.141	ug/L	99
8) Chloroethane	1.548	64	1615045	422.651	ug/L	99
12) 1,1-Dichloroethene	2.069	96	32932	7.070	ug/L #	1
16) Methylene chloride	2.442	84	17538	3.325	ug/L	93
17) trans-1,2-Dichloroethene	2.690	96	88347	17.928	ug/L	98
19) 1,1-Dichloroethane	3.105	63	7084294	750.308	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	3546672	643.134	ug/L	99
27) 1,2-Dichloroethane	5.040	62	89760	13.006	ug/L	98
29) Cyclohexane	4.568	56	8339	1.104	ug/L #	45
30) 1,1,1-Trichloroethane	4.503	97	371032	45.300	ug/L	100
33) Benzene	5.008	78	152801	7.619	ug/L	100
34) Trichloroethene	5.828	95	114531	21.443	ug/L	99
35) Methylcyclohexane	6.043	83	15496	1.886	ug/L	90
40) 4-Methyl-2-pentanone	7.162	43	77845	18.461	ug/L	97
42) Toluene	7.310	91	516809	24.856	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	8940	1.798	ug/L	84
46) Tetrachloroethene	7.905	164	11641	2.851	ug/L	91
52) Ethylbenzene	8.940	91	2302517	98.379	ug/L	99
53) m,p-Xylene	9.066	106	2435031	279.554	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	9.471	106	1201029	141.233	ug/L	97
60) Isopropylbenzene	9.863	105	266535	11.202	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1796996	95.524	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	10722779	572.881	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	114436	10.107	ug/L	99

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

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