

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037681.D
 Acq On : 01 Oct 2024 00:55
 Operator : SY/MD
 Sample : P4205-03MSD
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY075MSD

Quant Time: Oct 01 07:49:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	661660	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	636687	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	337597	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	271607	46.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.520%
7) Chloroethane-d5	1.532	69	203030	45.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.060%
11) 1,1-Dichloroethene-d2	2.060	65	109641	45.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.360%
21) 2-Butanone-d5	3.789	46	178447	86.256	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.260%
24) Chloroform-d	4.243	84	469332	45.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
26) 1,2-Dichloroethane-d4	4.937	65	275767	45.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
32) Benzene-d6	4.953	84	922854	46.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	5.982	67	286992	45.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	7.236	98	866520	47.965	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.920%
43) trans-1,3-Dichloroprop...	7.548	79	130808	44.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.780%
47) 2-Hexanone-d5	8.021	63	122233	91.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.240%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	324770	44.058	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.120%
66) 1,2-Dichlorobenzene-d4	11.551	152	330126	46.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	275453	48.902	ug/L	99
3) Chloromethane	1.217	50	265520	48.554	ug/L	99
5) Vinyl chloride	1.285	62	1298961	221.565	ug/L	99
6) Bromomethane	1.487	94	160195	49.238	ug/L	99
8) Chloroethane	1.548	64	1162890	321.820	ug/L	98
9) Trichlorofluoromethane	1.716	101	392055	49.681	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	231709	49.136	ug/L	99
12) 1,1-Dichloroethene	2.069	96	264679	60.086	ug/L	84
13) Acetone	2.111	43	123891	61.088	ug/L	100
14) Carbon disulfide	2.240	76	636894	46.320	ug/L	100
15) Methyl Acetate	2.372	43	136245	38.495	ug/L	98
16) Methylene chloride	2.445	84	247188	49.560	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	365795	78.495	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	669637	50.086	ug/L	100
19) 1,1-Dichloroethane	3.105	63	5831128	653.088	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	5128676	983.472	ug/L	99
22) 2-Butanone	3.876	43	176820	78.771	ug/L	90
23) Bromochloromethane	4.140	128	131399	48.711	ug/L	100
25) Chloroform	4.272	83	458757	49.626	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	374288	57.353	ug/L	99
29) Cyclohexane	4.574	56	361557	50.015	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	1564436	199.504	ug/L	99
31) Carbon tetrachloride	4.728	117	342842	50.288	ug/L	100
33) Benzene	5.005	78	1012030	52.705	ug/L	100
34) Trichloroethene	5.825	95	418673	81.874	ug/L	98
35) Methylcyclohexane	6.043	83	380431	48.360	ug/L	99
37) 1,2-Dichloropropane	6.088	63	252296	50.882	ug/L	99
38) Bromodichloromethane	6.426	83	335968	50.686	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	381319	48.176	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	396956	98.324	ug/L	99
42) Toluene	7.310	91	1038845	52.187	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	351629	49.345	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	246500	51.774	ug/L	99
46) Tetrachloroethene	7.899	164	255678	65.395	ug/L	99
48) 2-Hexanone	8.072	43	268592	85.559	ug/L	95
49) Dibromochloromethane	8.169	129	250382	49.688	ug/L	97
50) 1,2-Dibromoethane	8.278	107	246287	50.043	ug/L	99
51) Chlorobenzene	8.809	112	677708	49.971	ug/L	99
52) Ethylbenzene	8.940	91	1150146	51.328	ug/L	99
53) m,p-Xylene	9.066	106	440868	52.866	ug/L	98
54) o-Xylene	9.471	106	423712	52.042	ug/L	96
55) Styrene	9.490	104	749658	52.892	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	324091	48.824	ug/L	99
59) Bromoform	9.657	173	164449	49.839	ug/L	98
60) Isopropylbenzene	9.860	105	1146798	52.249	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	232531	48.405	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	916371	52.809	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	903016	52.302	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	539143	51.033	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	555113	50.461	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	526082	50.373	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	53399	45.792	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	352535	48.525	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	319834	47.450	ug/L	100
71) Naphthalene	13.429	128	865114	49.124	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	321603	48.315	ug/L	99

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

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