

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
 Data File : VV036795.D
 Acq On : 05 Aug 2024 18:16
 Operator : SY/MD
 Sample : P3437-07MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E05W7MS

Quant Time: Aug 06 03:13:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	485017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	450461	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	223824	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	184914	47.733	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.460%
7) Chloroethane-d5	1.532	69	148010	48.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.900%
11) 1,1-Dichloroethene-d2	2.056	65	79539	48.000	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.000%
21) 2-Butanone-d5	3.796	46	192992	94.027	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.030%
24) Chloroform-d	4.246	84	350684	50.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.880%
26) 1,2-Dichloroethane-d4	4.937	65	225578	50.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.940%
32) Benzene-d6	4.953	84	703881	51.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.460%
36) 1,2-Dichloropropane-d6	5.986	67	226107	51.512	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.020%
41) Toluene-d8	7.239	98	643359	51.549	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.100%
43) trans-1,3-Dichloroprop...	7.551	79	112981	49.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.920%
47) 2-Hexanone-d5	8.024	63	129904	102.930	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.930%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	262722	52.129	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.260%
66) 1,2-Dichlorobenzene-d4	11.558	152	233529	51.202	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	177763	45.966	ug/L	100
3) Chloromethane	1.217	50	196481	48.547	ug/L	99
5) Vinyl chloride	1.282	62	198478	47.754	ug/L	98
6) Bromomethane	1.487	94	121785	46.540	ug/L	100
8) Chloroethane	1.548	64	120760	46.906	ug/L	97
9) Trichlorofluoromethane	1.712	101	244265	44.868	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	137686	42.921	ug/L	99
12) 1,1-Dichloroethene	2.069	96	140180	45.754	ug/L	98
13) Acetone	2.114	43	126695	73.776	ug/L	98
14) Carbon disulfide	2.236	76	428275	44.500	ug/L	99
15) Methyl Acetate	2.372	43	138542	39.162	ug/L	100
16) Methylene chloride	2.442	84	160043	46.465	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	145884	45.968	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	509493	45.583	ug/L	99
19) 1,1-Dichloroethane	3.105	63	297078	46.334	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	175061	46.998	ug/L	98
22) 2-Butanone	3.880	43	190798	82.936	ug/L	99
23) Bromochloromethane	4.143	128	85419	47.208	ug/L	99
25) Chloroform	4.272	83	314636	47.777	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	241054	46.405	ug/L	98
29) Cyclohexane	4.574	56	262001	45.649	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	265785	46.832	ug/L	99
31) Carbon tetrachloride	4.728	117	220851	46.337	ug/L	99
33) Benzene	5.005	78	662346	49.160	ug/L	100
34) Trichloroethene	5.828	95	179485	45.965	ug/L	99
35) Methylcyclohexane	6.043	83	262110	43.745	ug/L	100
37) 1,2-Dichloropropane	6.092	63	177452	49.718	ug/L	100
38) Bromodichloromethane	6.429	83	231723	47.146	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	282291	46.181	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	409755	92.676	ug/L	99
42) Toluene	7.310	91	682992	47.592	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	259730	45.598	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	163850	47.404	ug/L	99
46) Tetrachloroethene	7.902	164	118331	46.200	ug/L	98
48) 2-Hexanone	8.075	43	291952	89.757	ug/L	99
49) Dibromochloromethane	8.172	129	168631	47.475	ug/L	97
50) 1,2-Dibromoethane	8.278	107	171452	47.808	ug/L	97
51) Chlorobenzene	8.812	112	438407	47.612	ug/L	99
52) Ethylbenzene	8.944	91	780783	47.649	ug/L	99
53) m,p-Xylene	9.069	106	287279	46.903	ug/L	97
54) o-Xylene	9.474	106	287878	48.055	ug/L	99
55) Styrene	9.493	104	486840	47.421	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	226616	48.589	ug/L	100
59) Bromoform	9.661	173	114439	46.217	ug/L	98
60) Isopropylbenzene	9.863	105	761603	46.739	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	186138	46.197	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	631142	46.523	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	635239	46.777	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	325817	46.497	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	337274	47.332	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	325883	47.619	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	51058	43.851	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	224975	45.242	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	211288	44.302	ug/L	99
71) Naphthalene	13.432	128	672479	43.970	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	208307	44.620	ug/L	100

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

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