

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037117.D
 Acq On : 28 Aug 2024 03:04
 Operator : SY/MD
 Sample : P3693-13MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K73MSD

Quant Time: Aug 28 06:17:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 05:52:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	605574	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	582470	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	289721	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	265068	47.850	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.700%		
7) Chloroethane-d5	1.529	69	195817	45.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.480%		
11) 1,1-Dichloroethene-d2	2.056	65	107487	46.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.340%		
21) 2-Butanone-d5	3.796	46	237650	110.783	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.780%		
24) Chloroform-d	4.243	84	443890	51.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.400%		
26) 1,2-Dichloroethane-d4	4.937	65	271575	49.741	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.480%		
32) Benzene-d6	4.953	84	844614	48.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.020%		
36) 1,2-Dichloropropane-d6	5.986	67	269718	48.948	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.900%		
41) Toluene-d8	7.236	98	772683	48.665	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.320%		
43) trans-1,3-Dichloroprop...	7.551	79	111722	43.824	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.640%		
47) 2-Hexanone-d5	8.024	63	172680	114.824	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.820%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	350853	52.500	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.000%		
66) 1,2-Dichlorobenzene-d4	11.554	152	284923	49.103	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	260474	50.900	ug/L	100
3) Chloromethane	1.217	50	266306	46.273	ug/L	100
5) Vinyl chloride	1.282	62	2459906	455.311	ug/L	100
6) Bromomethane	1.484	94	144026	47.575	ug/L	99
8) Chloroethane	1.548	64	176468	53.400	ug/L	98
9) Trichlorofluoromethane	1.712	101	373054	52.912	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	217003	51.747	ug/L	99
12) 1,1-Dichloroethene	2.069	96	209616	53.056	ug/L	95
13) Acetone	2.111	43	170770	74.226	ug/L	97
14) Carbon disulfide	2.237	76	617314	51.469	ug/L	100
15) Methyl Acetate	2.372	43	146591	38.006	ug/L	99
16) Methylene chloride	2.442	84	238216	53.441	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	219098	53.420	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	714643	55.390	ug/L	100
19) 1,1-Dichloroethane	3.105	63	442791	54.363	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	255865	56.456	ug/L	96
22) 2-Butanone	3.876	43	251270	99.196	ug/L	98
23) Bromochloromethane	4.140	128	119739	53.822	ug/L	96
25) Chloroform	4.272	83	428863	51.990	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	326468	53.953	ug/L	99
29) Cyclohexane	4.571	56	362252	52.895	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	358831	53.540	ug/L	100
31) Carbon tetrachloride	4.725	117	300769	53.184	ug/L	97
33) Benzene	5.002	78	913401	54.338	ug/L	100
34) Trichloroethene	5.828	95	240063	54.107	ug/L	98
35) Methylcyclohexane	6.043	83	367486	50.979	ug/L	99
37) 1,2-Dichloropropane	6.088	63	242086	53.719	ug/L	100
38) Bromodichloromethane	6.429	83	311419	53.916	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	351202	49.384	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	532631	116.256	ug/L	100
42) Toluene	7.310	91	962208	54.977	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	309437	48.679	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	229765	54.770	ug/L	99
46) Tetrachloroethene	7.899	164	163501	51.360	ug/L	95
48) 2-Hexanone	8.072	43	372630	105.166	ug/L	98
49) Dibromochloromethane	8.172	129	223129	53.118	ug/L	100
50) 1,2-Dibromoethane	8.278	107	234389	55.215	ug/L	99
51) Chlorobenzene	8.809	112	611507	52.776	ug/L	100
52) Ethylbenzene	8.940	91	1069296	54.089	ug/L	100
53) m,p-Xylene	9.069	106	396137	54.083	ug/L	100
54) o-Xylene	9.474	106	388259	54.138	ug/L	99
55) Styrene	9.490	104	676483	54.362	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	347837	55.985	ug/L	100
59) Bromoform	9.661	173	144403	53.526	ug/L	100
60) Isopropylbenzene	9.860	105	1052400	56.031	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	257195	57.067	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	845824	55.042	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	852982	55.621	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	466833	53.826	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	481752	54.271	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	461337	54.098	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	63923	56.873	ug/L	99
69) 1,3,5-Trichlorobenzene	12.577	180	314779	52.161	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	299455	52.697	ug/L	99
71) Naphthalene	13.432	128	971168	59.185	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	298021	53.218	ug/L	98

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

