

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080624\
 Data File : VV036813.D
 Acq On : 06 Aug 2024 15:19
 Operator : SY/MD
 Sample : P3433-08MS
 Misc : 1.33G/5 mL/100uL/5.00mL/MSVOA_V/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E05Y9MS

Quant Time: Aug 07 05:02:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 07 04:57:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	442782	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	421356	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	220195	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	141334	39.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.920%
7) Chloroethane-d5	1.500	69	31268	11.211	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	22.420%#
11) 1,1-Dichloroethene-d2	2.031	65	59891	39.590	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.180%
21) 2-Butanone-d5	3.812	46	189479m	101.121	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.120%
24) Chloroform-d	4.236	84	293348	46.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	4.934	65	189438	46.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
32) Benzene-d6	4.944	84	573422	45.057	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
36) 1,2-Dichloropropane-d6	5.985	67	187845	45.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.500%
41) Toluene-d8	7.236	98	519789	44.525	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.040%
43) trans-1,3-Dichloroprop...	7.551	79	95296	44.599	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.200%
47) 2-Hexanone-d5	8.037	63	144404	122.322	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.320%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	250911	53.224	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.440%
66) 1,2-Dichlorobenzene-d4	11.557	152	211824	47.208	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	188092m	53.276	ug/L	
3) Chloromethane	1.217	50	197712	53.511	ug/L	99
5) Vinyl chloride	1.278	62	196062	51.672	ug/L	99
6) Bromomethane	1.461	94	47206	19.760	ug/L	95
8) Chloroethane	1.513	64	29504	12.553	ug/L	92
9) Trichlorofluoromethane	1.664	101	243055	48.904	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.040	101	146781	50.120	ug/L	100
12) 1,1-Dichloroethene	2.043	96	136554	48.822	ug/L	89
13) Acetone	2.127	43	158171m	100.891	ug/L	
14) Carbon disulfide	2.211	76	419144	47.706	ug/L	99
15) Methyl Acetate	2.375	43	182218	56.421	ug/L	98
16) Methylene chloride	2.429	84	158248	50.326	ug/L	99
17) trans-1,2-Dichloroethene	2.670	96	144394	49.839	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	512019	50.179	ug/L	100
19) 1,1-Dichloroethane	3.092	63	289570	49.470	ug/L	98
20) cis-1,2-Dichloroethene	3.796	96	176393	51.872	ug/L	98
22) 2-Butanone	3.892	43	214935	102.339	ug/L	98
23) Bromochloromethane	4.130	128	85918	52.014	ug/L	99
25) Chloroform	4.265	83	306905	51.049	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	240307	50.674	ug/L	98
29) Cyclohexane	4.558	56	281090	52.358	ug/L	99
30) 1,1,1-Trichloroethane	4.493	97	262665	49.480	ug/L	99
31) Carbon tetrachloride	4.715	117	218469	49.003	ug/L	99
33) Benzene	4.995	78	661997	52.528	ug/L	100
34) Trichloroethene	5.821	95	184772	50.588	ug/L	99
35) Methylcyclohexane	6.037	83	292449	52.179	ug/L	97
37) 1,2-Dichloropropane	6.088	63	176156	52.764	ug/L	100
38) Bromodichloromethane	6.429	83	232785	50.633	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	299826	52.438	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	457357	110.588	ug/L	96
42) Toluene	7.310	91	699707	52.125	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	272568	51.157	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	170209	52.645	ug/L	98
46) Tetrachloroethene	7.898	164	121127	50.558	ug/L	99
48) 2-Hexanone	8.085	43	340145	111.797	ug/L	96
49) Dibromochloromethane	8.175	129	170305	51.258	ug/L	100
50) 1,2-Dibromoethane	8.281	107	177889	53.030	ug/L	98
51) Chlorobenzene	8.812	112	447922	52.005	ug/L	99
52) Ethylbenzene	8.943	91	800931	52.255	ug/L	99
53) m,p-Xylene	9.069	106	298104	52.032	ug/L	98
54) o-Xylene	9.474	106	294269	52.514	ug/L	98
55) Styrene	9.493	104	512057	53.323	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	250452	57.409	ug/L	99
59) Bromoform	9.664	173	118260	48.547	ug/L	98
60) Isopropylbenzene	9.863	105	798088	49.785	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	205039	51.727	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	677414	50.757	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	685199	51.287	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	357672	51.884	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	361527	51.572	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	355200	52.758	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	59367	51.828	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	261843	53.524	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	251539	53.611	ug/L	99
71) Naphthalene	13.432	128	875951	58.218	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	249228	54.265	ug/L	99

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

