

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080624\
 Data File : VV036814.D
 Acq On : 06 Aug 2024 15:42
 Operator : SY/MD
 Sample : P3433-09MSD
 Misc : 1.39G/5 mL/100uL/5.00mL/MSVOA_V/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E05Y9MSD

Quant Time: Aug 07 05:03:34 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	430275	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	409807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	215961	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	142620	41.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.000%
7) Chloroethane-d5	1.500	69	31211	11.516	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	23.040%#
11) 1,1-Dichloroethene-d2	2.031	65	61154	41.600	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.200%
21) 2-Butanone-d5	3.812	46	205360m	112.782	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.780%
24) Chloroform-d	4.236	84	296847	48.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
26) 1,2-Dichloroethane-d4	4.934	65	189821	47.871	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
32) Benzene-d6	4.944	84	575980	46.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
36) 1,2-Dichloropropane-d6	5.982	67	212254	53.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.300%
41) Toluene-d8	7.236	98	522076	45.981	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	7.551	79	99738	47.993	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.980%
47) 2-Hexanone-d5	8.034	63	148063	128.956	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.960%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	252754	55.126	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.260%
66) 1,2-Dichlorobenzene-d4	11.558	152	213983	48.625	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	186310m	54.305	ug/L	
3) Chloromethane	1.217	50	192624	53.649	ug/L	99
5) Vinyl chloride	1.278	62	190752	51.734	ug/L	99
6) Bromomethane	1.462	94	45884	19.765	ug/L	100
8) Chloroethane	1.513	64	29968m	13.121	ug/L	
9) Trichlorofluoromethane	1.664	101	234559	48.567	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.037	101	143064	50.271	ug/L	99
12) 1,1-Dichloroethene	2.040	96	133584	49.148	ug/L	98
13) Acetone	2.124	43	148613m	97.549	ug/L	
14) Carbon disulfide	2.211	76	406207	47.577	ug/L	99
15) Methyl Acetate	2.375	43	160285	51.072	ug/L	99
16) Methylene chloride	2.429	84	151686	49.642	ug/L	97
17) trans-1,2-Dichloroethene	2.671	96	137352	48.786	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	497954	50.219	ug/L	98
19) 1,1-Dichloroethane	3.092	63	273225	48.035	ug/L	98
20) cis-1,2-Dichloroethene	3.799	96	167083	50.563	ug/L	99
22) 2-Butanone	3.896	43	216812m	106.234	ug/L	
23) Bromochloromethane	4.130	128	82958	51.681	ug/L	97
25) Chloroform	4.265	83	297138	50.861	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	229648	49.834	ug/L	100
29) Cyclohexane	4.555	56	269652	51.643	ug/L	98
30) 1,1,1-Trichloroethane	4.494	97	252089	48.826	ug/L	100
31) Carbon tetrachloride	4.715	117	211888	48.867	ug/L	99
33) Benzene	4.995	78	632859	51.631	ug/L	100
34) Trichloroethene	5.822	95	175338	49.358	ug/L	96
35) Methylcyclohexane	6.037	83	282171	51.764	ug/L	97
37) 1,2-Dichloropropane	6.088	63	166011	51.126	ug/L	100
38) Bromodichloromethane	6.429	83	220364	49.282	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	272133	48.936	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	441916	109.865	ug/L	96
42) Toluene	7.310	91	673267	51.569	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	263698	50.887	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	162337	51.625	ug/L	99
46) Tetrachloroethene	7.899	164	120336	51.644	ug/L	98
48) 2-Hexanone	8.085	43	330370	111.644	ug/L	99
49) Dibromochloromethane	8.175	129	163516	50.602	ug/L	98
50) 1,2-Dibromoethane	8.281	107	173100	53.056	ug/L	100
51) Chlorobenzene	8.812	112	432889	51.676	ug/L	100
52) Ethylbenzene	8.940	91	770744	51.703	ug/L	100
53) m,p-Xylene	9.069	106	290235	52.086	ug/L	99
54) o-Xylene	9.474	106	286684	52.603	ug/L	99
55) Styrene	9.493	104	495740	53.079	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	237919	56.073	ug/L	99
59) Bromoform	9.664	173	114383	47.876	ug/L	97
60) Isopropylbenzene	9.863	105	770233	48.989	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	196647	50.583	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	649530	49.622	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	658818	50.279	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	345563	51.111	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	352801	51.314	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	344033	52.101	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	57763	51.416	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	251169	52.348	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	245448	53.338	ug/L	100
71) Naphthalene	13.432	128	841645	57.035	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	239567	53.184	ug/L	100

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

