

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081522\
 Data File : VX030638.D
 Acq On : 15 Aug 2022 20:05
 Operator : JC/MD
 Sample : N4168-07MS
 Misc : 9.34g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EX9B5MS

Quant Time: Aug 16 04:33:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 16 04:27:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	317834	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282138	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	147368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	49247	24.128	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	48.260%#
7) Chloroethane-d5	1.654	69	20688	14.378	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	28.760%#
11) 1,1-Dichloroethene-d2	2.276	63	141775	36.721	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.440%
21) 2-Butanone-d5	4.507	46	148962	78.768	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.770%
24) Chloroform-d	5.062	84	153848	36.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.240%
26) 1,2-Dichloroethane-d4	5.958	65	102375	35.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.760%
32) Benzene-d6	5.970	84	259650	32.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.260%#
36) 1,2-Dichloropropane-d6	7.312	67	92996	35.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.940%
41) Toluene-d8	8.653	98	233323	30.628	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.260%#
43) trans-1,3-Dichloroprop...	8.958	79	37304	28.598	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.200%#
47) 2-Hexanone-d5	9.403	63	96862	72.473	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.470%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	130099	37.769	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.540%
66) 1,2-Dichlorobenzene-d4	12.323	152	92233	32.268	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	64.540%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	105536	44.127	ug/L	99
3) Chloromethane	1.288	50	98660	47.975	ug/L	99
5) Vinyl chloride	1.374	62	102995	46.888	ug/L	95
6) Bromomethane	1.605	94	16991	16.460	ug/L	95
8) Chloroethane	1.672	64	30798	24.614	ug/L	99
9) Trichlorofluoromethane	1.849	101	71644	22.069	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	107722	55.788	ug/L	98
12) 1,1-Dichloroethene	2.282	96	100380	56.427	ug/L	# 74
13) Acetone	2.435	43	133105	96.034	ug/L	98
14) Carbon disulfide	2.477	76	213868	37.093	ug/L	99
15) Methyl Acetate	2.727	43	153011	53.335	ug/L	100
16) Methylene chloride	2.776	84	120398	53.374	ug/L	99
17) trans-1,2-Dichloroethene	3.075	96	106133	51.497	ug/L	98
18) Methyl tert-butyl Ether	3.142	73	403054	57.508	ug/L	99
19) 1,1-Dichloroethane	3.605	63	217664	54.605	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	125137	53.976	ug/L	98
22) 2-Butanone	4.611	43	212143	97.025	ug/L	100
23) Bromochloromethane	4.898	128	55962	48.134	ug/L	91
25) Chloroform	5.099	83	238016	56.831	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	192937	55.349	ug/L	96
29) Cyclohexane	5.458	56	188189	50.173	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	199081	53.494	ug/L	98
31) Carbon tetrachloride	5.672	117	157057	51.132	ug/L	99
33) Benzene	6.038	78	486248	53.753	ug/L	100
34) Trichloroethene	7.123	95	131579	50.222	ug/L	89
35) Methylcyclohexane	7.379	83	181444	47.572	ug/L	97
37) 1,2-Dichloropropane	7.434	63	128590	53.464	ug/L	99
38) Bromodichloromethane	7.830	83	162618	51.086	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	184681	51.473	ug/L	98
40) 4-Methyl-2-pentanone	8.592	43	417292	99.629	ug/L	98
42) Toluene	8.720	91	510500	53.422	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	173168	49.312	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	121323	54.248	ug/L	97
46) Tetrachloroethene	9.275	164	82251	49.675	ug/L	96
48) 2-Hexanone	9.445	43	323178	99.307	ug/L	98
49) Dibromochloromethane	9.525	129	112218	47.164	ug/L	97
50) 1,2-Dibromoethane	9.616	107	126004	51.233	ug/L #	100
51) Chlorobenzene	10.086	112	311837	52.379	ug/L	97
52) Ethylbenzene	10.195	91	555342	53.298	ug/L	100
53) m,p-Xylene	10.305	106	202438	52.126	ug/L	91
54) o-Xylene	10.646	106	204637	52.878	ug/L	98
55) Styrene	10.659	104	347403	53.314	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.220	83	187831	55.197	ug/L	98
59) Bromoform	10.805	173	68613	42.755	ug/L	99
60) Isopropylbenzene	10.964	105	539851	51.681	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	159641	50.443	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	461132	51.708	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	457147	50.759	ug/L	97
64) 1,3-Dichlorobenzene	11.976	146	219707	48.384	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	228090	49.412	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	236562	50.377	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	48906	46.846	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	156647	49.191	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	141376	50.551	ug/L	94
71) Naphthalene	13.780	128	608843	52.593	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	157796	53.415	ug/L	99

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

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