

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081522\
 Data File : VX030639.D
 Acq On : 15 Aug 2022 20:29
 Operator : JC/MD
 Sample : N4168-08MSD
 Misc : 7.82g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EX9B5MSD

Quant Time: Aug 16 04:33:33 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	301147	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	264478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129206	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	59781	30.912	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.820%
7) Chloroethane-d5	1.654	69	25533	18.729	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	37.460%#
11) 1,1-Dichloroethene-d2	2.276	63	157578	43.075	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.160%
21) 2-Butanone-d5	4.507	46	194511	108.552	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.550%
24) Chloroform-d	5.068	84	193322	48.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	5.958	65	129838	48.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
32) Benzene-d6	5.970	84	329834	43.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
36) 1,2-Dichloropropane-d6	7.312	67	120178	48.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.780%
41) Toluene-d8	8.653	98	294689	41.267	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.540%
43) trans-1,3-Dichloroprop...	8.958	79	49096	40.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.300%
47) 2-Hexanone-d5	9.409	63	131377	104.861	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	174634	54.084	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.160%
66) 1,2-Dichlorobenzene-d4	12.323	152	109834	43.827	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	100072	44.161	ug/L	99
3) Chloromethane	1.288	50	93984	48.234	ug/L	97
5) Vinyl chloride	1.374	62	100357	48.219	ug/L	97
6) Bromomethane	1.605	94	17739	18.137	ug/L	99
8) Chloroethane	1.672	64	30099	25.389	ug/L	97
9) Trichlorofluoromethane	1.849	101	69421	22.569	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.294	101	100914	55.158	ug/L	97
12) 1,1-Dichloroethene	2.288	96	92495	54.875	ug/L #	72
13) Acetone	2.428	43	124764	95.004	ug/L	98
14) Carbon disulfide	2.477	76	206843	37.862	ug/L	99
15) Methyl Acetate	2.727	43	145946	53.691	ug/L	99
16) Methylene chloride	2.776	84	111177	52.018	ug/L	97
17) trans-1,2-Dichloroethene	3.075	96	98053	50.213	ug/L	98
18) Methyl tert-butyl Ether	3.135	73	375534	56.550	ug/L	99
19) 1,1-Dichloroethane	3.605	63	205711	54.466	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	115333	52.504	ug/L	96
22) 2-Butanone	4.605	43	199139	96.124	ug/L	97
23) Bromochloromethane	4.903	128	54920	49.855	ug/L	95
25) Chloroform	5.099	83	219251	55.251	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	179040	54.209	ug/L	97
29) Cyclohexane	5.458	56	173738	49.413	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	181406	51.999	ug/L	99
31) Carbon tetrachloride	5.672	117	143821	49.950	ug/L	98
33) Benzene	6.037	78	452844	53.403	ug/L	100
34) Trichloroethene	7.123	95	122400	49.838	ug/L	92
35) Methylcyclohexane	7.379	83	168328	47.080	ug/L	99
37) 1,2-Dichloropropane	7.433	63	123186	54.637	ug/L	100
38) Bromodichloromethane	7.830	83	151865	50.894	ug/L	97
39) cis-1,3-Dichloropropene	8.372	75	168744	50.172	ug/L	99
40) 4-Methyl-2-pentanone	8.592	43	387094	98.590	ug/L	98
42) Toluene	8.720	91	478579	53.425	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	164768	50.052	ug/L	97
45) 1,1,2-Trichloroethane	9.159	97	112841	53.824	ug/L	98
46) Tetrachloroethene	9.275	164	76414	49.232	ug/L	97
48) 2-Hexanone	9.451	43	313935	102.908	ug/L	97
49) Dibromochloromethane	9.525	129	107993	48.419	ug/L	98
50) 1,2-Dibromoethane	9.616	107	117508	50.969	ug/L	98
51) Chlorobenzene	10.085	112	296006	53.040	ug/L	98
52) Ethylbenzene	10.195	91	516188	52.848	ug/L	97
53) m,p-Xylene	10.305	106	188746	51.845	ug/L	99
54) o-Xylene	10.646	106	188829	52.052	ug/L	99
55) Styrene	10.659	104	328358	53.756	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.219	83	176482	55.325	ug/L	100
59) Bromoform	10.805	173	64441	45.800	ug/L	99
60) Isopropylbenzene	10.963	105	505624	55.209	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	151027	54.429	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	431268	55.157	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	421493	53.379	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	207337	52.079	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	210375	51.980	ug/L	93
67) 1,2-Dichlorobenzene	12.341	146	213392	51.831	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	42235	46.143	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	142641	51.089	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	128664	52.473	ug/L	96
71) Naphthalene	13.780	128	532246	52.439	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	139714	53.942	ug/L	99

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

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