

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081322\
 Data File : VX030616.D
 Acq On : 13 Aug 2022 15:08
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050782

Quant Time: Aug 13 21:17:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 13 21:15:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	231346	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	211186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111297	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58983	39.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.400%
7) Chloroethane-d5	1.666	69	52047	49.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.307	63	135704	48.288	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.580%
21) 2-Butanone-d5	4.471	46	178510	129.680	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.680%
24) Chloroform-d	5.056	84	171230	55.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.980%
26) 1,2-Dichloroethane-d4	5.958	65	117331	56.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.000%
32) Benzene-d6	5.971	84	298190	49.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
36) 1,2-Dichloropropane-d6	7.306	67	103262	52.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.220%
41) Toluene-d8	8.647	98	272029	47.706	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.420%
43) trans-1,3-Dichloroprop...	8.952	79	49423	50.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.240%
47) 2-Hexanone-d5	9.385	63	117793	117.744	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.740%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	154714	60.006	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.020%#
66) 1,2-Dichlorobenzene-d4	12.323	152	104053	48.201	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	98223	56.423	ug/L	99
3) Chloromethane	1.295	50	82619	55.194	ug/L	99
5) Vinyl chloride	1.374	62	90188	56.407	ug/L	100
6) Bromomethane	1.612	94	33065	44.007	ug/L	92
8) Chloroethane	1.691	64	56643	62.194	ug/L	99
9) Trichlorofluoromethane	1.886	101	143922	60.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	86986	61.890	ug/L	96
12) 1,1-Dichloroethene	2.319	96	73423	56.703	ug/L #	80
13) Acetone	2.398	43	130863	129.713	ug/L	96
14) Carbon disulfide	2.508	76	215192	51.275	ug/L	99
15) Methyl Acetate	2.709	43	127243	60.934	ug/L	98
16) Methylene chloride	2.788	84	96339	58.675	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	85135	56.752	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	314899	61.727	ug/L	98
19) 1,1-Dichloroethane	3.611	63	183781	63.341	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	99927	59.216	ug/L	92
22) 2-Butanone	4.568	43	199381	125.278	ug/L	96
23) Bromochloromethane	4.898	128	50912	60.161	ug/L	94
25) Chloroform	5.087	83	194424	63.777	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	163897	64.596	ug/L	99
29) Cyclohexane	5.471	56	160570	57.192	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	165134	59.280	ug/L	98
31) Carbon tetrachloride	5.672	117	137667	59.878	ug/L	99
33) Benzene	6.038	78	397333	58.681	ug/L	100
34) Trichloroethene	7.123	95	106637	54.377	ug/L	93
35) Methylcyclohexane	7.379	83	160667	56.277	ug/L	98
37) 1,2-Dichloropropane	7.428	63	107082	59.479	ug/L	99
38) Bromodichloromethane	7.824	83	149764	62.855	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	162012	60.326	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	376098	119.962	ug/L	98
42) Toluene	8.720	91	417498	58.368	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	162372	61.772	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	102029	60.948	ug/L	97
46) Tetrachloroethene	9.275	164	69613	56.168	ug/L	96
48) 2-Hexanone	9.433	43	302762	124.290	ug/L	97
49) Dibromochloromethane	9.519	129	107457	60.336	ug/L	99
50) 1,2-Dibromoethane	9.610	107	104624	56.832	ug/L	98
51) Chlorobenzene	10.080	112	260178	58.384	ug/L	99
52) Ethylbenzene	10.195	91	471524	60.457	ug/L	99
53) m,p-Xylene	10.299	106	173553	59.702	ug/L	98
54) o-Xylene	10.640	106	171251	59.119	ug/L	98
55) Styrene	10.659	104	301902	61.898	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	165401	64.935	ug/L	100
59) Bromoform	10.799	173	70550	58.210	ug/L	99
60) Isopropylbenzene	10.964	105	463725	58.781	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	139243	58.257	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	401239	59.573	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	397641	58.461	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	200143	58.361	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	196247	56.292	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	197729	55.754	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	40752	51.687	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	132943	55.278	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	119013	56.347	ug/L	97
71) Naphthalene	13.774	128	468768	53.616	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	121749	54.570	ug/L	98

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

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