

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071422\
 Data File : U049708.D
 Acq On : 14 Jul 2022 09:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.1mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050163

Quant Time: Jul 15 03:58:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 14 05:07:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	202362	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	194319	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	99025	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75478	44.206	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.420%
7) Chloroethane-d5	1.903	69	57921	46.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.860%
11) 1,1-Dichloroethene-d2	2.565	63	138645	45.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.940%
21) 2-Butanone-d5	4.620	46	155327	106.566	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.570%
24) Chloroform-d	5.063	84	157832	52.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.380%
26) 1,2-Dichloroethane-d4	5.703	65	104036	50.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.660%
32) Benzene-d6	5.726	84	287971	48.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.560%
36) 1,2-Dichloropropane-d6	6.690	67	101591	51.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.320%
41) Toluene-d8	7.899	98	252931	49.199	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.179	79	42092	50.313	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.620%
47) 2-Hexanone-d5	8.632	63	94328	105.608	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.610%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	145482	52.363	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.720%
66) 1,2-Dichlorobenzene-d4	12.192	152	94574	50.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	113484	46.784	ug/L	98
3) Chloromethane	1.520	50	124661	46.826	ug/L	98
5) Vinyl chloride	1.604	62	110137	45.782	ug/L	98
6) Bromomethane	1.838	94	55086	49.560	ug/L	98
8) Chloroethane	1.922	64	61407	46.079	ug/L	99
9) Trichlorofluoromethane	2.131	101	143012	48.137	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	74229	47.615	ug/L	99
12) 1,1-Dichloroethene	2.578	96	66429	45.914	ug/L	97
13) Acetone	2.623	43	157384	113.618	ug/L	97
14) Carbon disulfide	2.790	76	206734	42.372	ug/L	98
15) Methyl Acetate	2.944	43	111484	49.539	ug/L	99
16) Methylene chloride	3.041	84	87012	47.757	ug/L	97
17) trans-1,2-Dichloroethene	3.349	96	72510	45.813	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	264045	48.706	ug/L	99
19) 1,1-Dichloroethane	3.867	63	160882	48.825	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	83705	47.057	ug/L	100
22) 2-Butanone	4.700	43	197906	106.712	ug/L	100
23) Bromochloromethane	4.973	128	43888	49.448	ug/L	97
25) Chloroform	5.086	83	164015	49.639	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	137343	48.815	ug/L	100
29) Cyclohexane	5.388	56	137411	45.304	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	136240	48.429	ug/L	100
31) Carbon tetrachloride	5.523	117	110548	48.046	ug/L	98
33) Benzene	5.774	78	346597	47.452	ug/L	100
34) Trichloroethene	6.542	95	84511	47.866	ug/L	94
35) Methylcyclohexane	6.761	83	131664	47.456	ug/L	99
37) 1,2-Dichloropropane	6.790	63	97921	48.367	ug/L	100
38) Bromodichloromethane	7.105	83	121478	48.396	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	136678	50.058	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	315089	96.138	ug/L	99
42) Toluene	7.970	91	354084	48.776	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	128652	50.182	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	86120	48.735	ug/L	99
46) Tetrachloroethene	8.552	164	58348	47.649	ug/L	98
48) 2-Hexanone	8.684	43	265571	101.398	ug/L	99
49) Dibromochloromethane	8.809	129	89001	50.075	ug/L	96
50) 1,2-Dibromoethane	8.925	107	89099	50.758	ug/L	99
51) Chlorobenzene	9.446	112	211204	48.043	ug/L	99
52) Ethylbenzene	9.571	91	370284	48.337	ug/L	99
53) m,p-Xylene	9.693	106	136457	48.988	ug/L	99
54) o-Xylene	10.102	106	138641	49.431	ug/L	97
55) Styrene	10.115	104	235411	50.859	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	156487	49.471	ug/L	99
59) Bromoform	10.291	173	65554	49.357	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	126033	47.783	ug/L	99
61) Isopropylbenzene	10.484	105	358354	48.465	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	308236	49.421	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	306051	49.394	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	156384	48.449	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	154933	47.784	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	164904	49.132	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	37802	48.912	ug/L	99
69) 1,3,5-Trichlorobenzene	13.220	180	114499	50.623	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	97433	46.942	ug/L	98
71) Naphthalene	14.085	128	346123	46.648	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	106281	49.433	ug/L	98

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

