

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072022\
 Data File : VX030128.D
 Acq On : 20 Jul 2022 12:41
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050762

Quant Time: Jul 21 06:59:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 06:57:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	267775	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	246494	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129962	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	94938	45.454	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.900%
7) Chloroethane-d5	1.666	69	74332	51.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.860%
11) 1,1-Dichloroethene-d2	2.307	63	204189	50.541	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.080%
21) 2-Butanone-d5	4.465	46	229208	111.588	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.590%
24) Chloroform-d	5.062	84	220952	52.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.958	65	137443	51.809	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.620%
32) Benzene-d6	5.977	84	454401	50.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.160%
36) 1,2-Dichloropropane-d6	7.312	67	147200	50.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.180%
41) Toluene-d8	8.653	98	410731	49.613	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.220%
43) trans-1,3-Dichloroprop...	8.952	79	64543	52.233	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.460%
47) 2-Hexanone-d5	9.385	63	160464	109.975	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.980%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	205301	52.877	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.760%
66) 1,2-Dichlorobenzene-d4	12.323	152	154315	51.223	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	120387	53.688	ug/L	98
3) Chloromethane	1.288	50	103722	51.755	ug/L	98
5) Vinyl chloride	1.374	62	108589	51.976	ug/L	98
6) Bromomethane	1.605	94	49531	52.558	ug/L	98
8) Chloroethane	1.685	64	61251	53.128	ug/L	97
9) Trichlorofluoromethane	1.886	101	147575	54.566	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	104892	54.861	ug/L	99
12) 1,1-Dichloroethene	2.319	96	98975	53.692	ug/L #	82
13) Acetone	2.386	43	126782	110.872	ug/L	99
14) Carbon disulfide	2.508	76	269808	52.008	ug/L	100
15) Methyl Acetate	2.709	43	144951	55.657	ug/L	99
16) Methylene chloride	2.788	84	115244	51.790	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	105754	53.912	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	329286	54.489	ug/L	98
19) 1,1-Dichloroethane	3.611	63	196208	54.721	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	122066	53.594	ug/L	98
22) 2-Butanone	4.562	43	215474	110.211	ug/L	100
23) Bromochloromethane	4.904	128	59501	52.498	ug/L	98
25) Chloroform	5.099	83	201799	54.221	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	153824	55.030	ug/L	99
29) Cyclohexane	5.471	56	184700	54.635	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	163644	53.959	ug/L	99
31) Carbon tetrachloride	5.684	117	136619	54.687	ug/L	97
33) Benzene	6.044	78	466589	54.364	ug/L	100
34) Trichloroethene	7.129	95	124805	54.291	ug/L	98
35) Methylcyclohexane	7.385	83	197292	57.049	ug/L	99
37) 1,2-Dichloropropane	7.434	63	120098	53.466	ug/L	100
38) Bromodichloromethane	7.824	83	148429	54.007	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	173389	53.998	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	414427	113.419	ug/L	99
42) Toluene	8.720	91	492844	55.303	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	164499	54.704	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	114758	53.385	ug/L	97
46) Tetrachloroethene	9.275	164	84431	53.016	ug/L	97
48) 2-Hexanone	9.433	43	332140	113.194	ug/L	99
49) Dibromochloromethane	9.525	129	115276	53.593	ug/L	97
50) 1,2-Dibromoethane	9.610	107	120803	52.921	ug/L	98
51) Chlorobenzene	10.080	112	304699	54.416	ug/L	97
52) Ethylbenzene	10.195	91	530184	55.817	ug/L	98
53) m,p-Xylene	10.305	106	204280	55.171	ug/L	95
54) o-Xylene	10.647	106	201702	56.098	ug/L	99
55) Styrene	10.659	104	350190	56.536	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	182111	53.683	ug/L	98
59) Bromoform	10.799	173	78531	51.735	ug/L	98
60) Isopropylbenzene	10.964	105	523030	54.908	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	153754	53.333	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	444745	56.503	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	447823	57.062	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	228953	54.644	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	230877	54.810	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	232131	54.460	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	47626	55.009	ug/L	90
69) 1,3,5-Trichlorobenzene	13.116	180	156190	55.209	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	141022	56.791	ug/L	99
71) Naphthalene	13.780	128	587737	57.855	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	146154	55.399	ug/L	100

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

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