

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029433.D
 Acq On : 13 Jun 2022 23:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050755

Quant Time: Jun 14 04:28:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 14 04:22:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	393751	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	362070	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	191557	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	145226	47.636	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.280%
7) Chloroethane-d5	1.666	69	97132	51.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.540%
11) 1,1-Dichloroethene-d2	2.306	63	261757	47.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.300%
21) 2-Butanone-d5	4.465	46	243112	105.176	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.180%
24) Chloroform-d	5.062	84	285116	48.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.960%
26) 1,2-Dichloroethane-d4	5.958	65	179456	47.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.380%
32) Benzene-d6	5.977	84	560454	49.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.120%
36) 1,2-Dichloropropane-d6	7.312	67	168619	50.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.800%
41) Toluene-d8	8.653	98	517666	48.551	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.100%
43) trans-1,3-Dichloroprop...	8.952	79	71259	43.627	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.260%
47) 2-Hexanone-d5	9.384	63	194523	108.572	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.570%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	251121	51.702	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	198407	49.819	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	181863	48.137	ug/L	99
3) Chloromethane	1.288	50	166808	47.078	ug/L	98
5) Vinyl chloride	1.374	62	166531	48.555	ug/L	100
6) Bromomethane	1.611	94	78201	48.595	ug/L	98
8) Chloroethane	1.685	64	94680	53.838	ug/L	99
9) Trichlorofluoromethane	1.886	101	228736	46.641	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	137952	47.775	ug/L	98
12) 1,1-Dichloroethene	2.319	96	131037	49.081	ug/L	82
13) Acetone	2.392	43	143267	92.995	ug/L	96
14) Carbon disulfide	2.514	76	293712	40.116	ug/L	100
15) Methyl Acetate	2.709	43	156126	51.086	ug/L	93
16) Methylene chloride	2.788	84	144215	48.743	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	137242	47.999	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	473993	49.491	ug/L	96
19) 1,1-Dichloroethane	3.611	63	247790	49.062	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	156975	48.573	ug/L	94
22) 2-Butanone	4.568	43	231511	99.826	ug/L	95
23) Bromochloromethane	4.904	128	78047	48.795	ug/L	97
25) Chloroform	5.099	83	270832	48.493	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	208660	48.899	ug/L	100
29) Cyclohexane	5.477	56	232228	48.053	ug/L	94
30) 1,1,1-Trichloroethane	5.391	97	232447	46.291	ug/L	98
31) Carbon tetrachloride	5.684	117	179286	44.480	ug/L	98
33) Benzene	6.044	78	590592	49.881	ug/L	100
34) Trichloroethene	7.129	95	164347	39.385	ug/L	96
35) Methylcyclohexane	7.385	83	248517	47.175	ug/L	98
37) 1,2-Dichloropropane	7.434	63	143605	49.750	ug/L	99
38) Bromodichloromethane	7.824	83	183234	44.598	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	205184	44.475	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	438421	101.611	ug/L #	93
42) Toluene	8.720	91	634318	49.164	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	193308	44.671	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	149613	49.072	ug/L	99
46) Tetrachloroethene	9.275	164	114059	47.618	ug/L	95
48) 2-Hexanone	9.433	43	347329	103.921	ug/L	93
49) Dibromochloromethane	9.525	129	138003	43.414	ug/L	99
50) 1,2-Dibromoethane	9.610	107	160824	49.428	ug/L	98
51) Chlorobenzene	10.079	112	407874	49.800	ug/L	98
52) Ethylbenzene	10.195	91	706863	50.061	ug/L	100
53) m,p-Xylene	10.305	106	276686	49.919	ug/L	96
54) o-Xylene	10.646	106	275226	50.347	ug/L	97
55) Styrene	10.659	104	472317	51.392	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	240144	50.826	ug/L	99
59) Bromoform	10.805	173	83997	39.382	ug/L	99
60) Isopropylbenzene	10.963	105	717236	47.938	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	197982	49.415	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	622896	48.747	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	618013	48.710	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	301806	48.693	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	302275	48.311	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	309898	49.572	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	47975	43.537	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	206709	48.736	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	185778	48.634	ug/L	98
71) Naphthalene	13.780	128	713151	50.692	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	185448	48.058	ug/L	99

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

