

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082222\
 Data File : VX030718.D
 Acq On : 22 Aug 2022 16:36
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050794

Quant Time: Aug 23 02:08:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 23 02:05:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	330288	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	295253	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	150506	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	90180	42.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.040%
7) Chloroethane-d5	1.666	69	71386	47.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.480%
11) 1,1-Dichloroethene-d2	2.307	63	177441	44.226	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.460%
21) 2-Butanone-d5	4.465	46	180099	91.641	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.640%
24) Chloroform-d	5.062	84	206167	47.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.440%
26) 1,2-Dichloroethane-d4	5.964	65	121506	40.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.960%
32) Benzene-d6	5.977	84	401910	47.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.040%
36) 1,2-Dichloropropane-d6	7.312	67	133364	48.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.200%
41) Toluene-d8	8.653	98	373501	46.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.700%
43) trans-1,3-Dichloroprop...	8.952	79	59598	43.659	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.320%
47) 2-Hexanone-d5	9.391	63	138608	99.101	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	190283	52.788	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.580%
66) 1,2-Dichlorobenzene-d4	12.323	152	139920	47.931	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90012	36.217	ug/L	96
3) Chloromethane	1.288	50	93471	43.738	ug/L	97
5) Vinyl chloride	1.374	62	104053	45.584	ug/L	98
6) Bromomethane	1.605	94	35103	32.724	ug/L	96
8) Chloroethane	1.685	64	61515	47.310	ug/L	98
9) Trichlorofluoromethane	1.886	101	150498	44.610	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	102083	50.874	ug/L	98
12) 1,1-Dichloroethene	2.319	96	96036	51.949	ug/L #	68
13) Acetone	2.386	43	111731	77.573	ug/L	90
14) Carbon disulfide	2.514	76	235873	39.366	ug/L	100
15) Methyl Acetate	2.709	43	130640	43.820	ug/L	94
16) Methylene chloride	2.788	84	116798	49.826	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	99755	46.577	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	349134	47.936	ug/L	95
19) 1,1-Dichloroethane	3.611	63	201282	48.592	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	123752	51.366	ug/L	85
22) 2-Butanone	4.562	43	192129	84.558	ug/L	91
23) Bromochloromethane	4.904	128	61329	50.761	ug/L	94
25) Chloroform	5.099	83	216997	49.858	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	150608	41.577	ug/L #	93
29) Cyclohexane	5.477	56	160129	40.796	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	179257	46.028	ug/L	97
31) Carbon tetrachloride	5.684	117	152942	47.581	ug/L	99
33) Benzene	6.044	78	460638	48.660	ug/L	100
34) Trichloroethene	7.129	95	122655	44.736	ug/L	86
35) Methylcyclohexane	7.385	83	168034	42.099	ug/L	95
37) 1,2-Dichloropropane	7.434	63	124700	49.543	ug/L	99
38) Bromodichloromethane	7.824	83	166690	50.039	ug/L	96
39) cis-1,3-Dichloropropene	8.373	75	178022	47.413	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	376683	85.939	ug/L	92
42) Toluene	8.720	91	490569	49.056	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	172151	46.844	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	125905	53.796	ug/L	99
46) Tetrachloroethene	9.275	164	79157	45.683	ug/L	98
48) 2-Hexanone	9.433	43	289850	85.110	ug/L #	92
49) Dibromochloromethane	9.525	129	137172	55.091	ug/L	96
50) 1,2-Dibromoethane	9.610	107	129239	50.214	ug/L	97
51) Chlorobenzene	10.080	112	318350	51.098	ug/L	95
52) Ethylbenzene	10.195	91	535274	49.090	ug/L	98
53) m,p-Xylene	10.305	106	204200	50.244	ug/L	94
54) o-Xylene	10.646	106	202764	50.067	ug/L	95
55) Styrene	10.659	104	358216	52.532	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	197625	55.495	ug/L	99
59) Bromoform	10.799	173	96030	58.592	ug/L	97
60) Isopropylbenzene	10.964	105	533857	50.042	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	161066	49.832	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	458238	50.312	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	452482	49.194	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	231920	50.009	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	235113	49.871	ug/L	90
67) 1,2-Dichlorobenzene	12.335	146	239413	49.921	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	47491	44.543	ug/L	84
69) 1,3,5-Trichlorobenzene	13.116	180	153647	47.243	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	140861	49.317	ug/L	98
71) Naphthalene	13.780	128	592302	50.097	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	148472	49.211	ug/L	99

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

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