

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030692.D
 Acq On : 18 Aug 2022 17:58
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050790

Quant Time: Aug 18 19:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	313789	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	286280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95927	47.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.200%
7) Chloroethane-d5	1.660	69	76758	54.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.060%
11) 1,1-Dichloroethene-d2	2.306	63	204053	53.533	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.060%
21) 2-Butanone-d5	4.465	46	197436	105.745	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.750%
24) Chloroform-d	5.068	84	221745	53.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.920%
26) 1,2-Dichloroethane-d4	5.964	65	133258	47.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
32) Benzene-d6	5.983	84	440537	53.721	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.440%
36) 1,2-Dichloropropane-d6	7.312	67	146967	55.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.480%
41) Toluene-d8	8.653	98	404602	52.343	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.680%
43) trans-1,3-Dichloroprop...	8.952	79	64731	48.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.820%
47) 2-Hexanone-d5	9.391	63	150594	111.046	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.050%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	203003	58.082	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.160%
66) 1,2-Dichlorobenzene-d4	12.323	152	154179	53.039	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	101007	42.778	ug/L	98
3) Chloromethane	1.288	50	97014	47.783	ug/L	98
5) Vinyl chloride	1.374	62	105988	48.873	ug/L	98
6) Bromomethane	1.605	94	39750	39.004	ug/L	98
8) Chloroethane	1.685	64	63004	51.003	ug/L	98
9) Trichlorofluoromethane	1.886	101	154873	48.321	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	109549	57.465	ug/L	98
12) 1,1-Dichloroethene	2.319	96	106811	60.816	ug/L #	68
13) Acetone	2.386	43	122795	89.737	ug/L	90
14) Carbon disulfide	2.508	76	228698	40.176	ug/L	100
15) Methyl Acetate	2.709	43	143125	50.532	ug/L	95
16) Methylene chloride	2.788	84	121755	54.672	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	105807	52.001	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	366327	52.941	ug/L	96
19) 1,1-Dichloroethane	3.611	63	211113	53.645	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	131664	57.523	ug/L	90
22) 2-Butanone	4.568	43	213077	98.708	ug/L	93
23) Bromochloromethane	4.910	128	63040	54.921	ug/L	91
25) Chloroform	5.105	83	225330	54.495	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	159470	46.338	ug/L	96
29) Cyclohexane	5.477	56	173025	45.463	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	182583	48.351	ug/L	97
31) Carbon tetrachloride	5.684	117	150790	48.382	ug/L	99
33) Benzene	6.044	78	482842	52.605	ug/L	100
34) Trichloroethene	7.129	95	145807	54.847	ug/L	89
35) Methylcyclohexane	7.385	83	180173	46.556	ug/L	96
37) 1,2-Dichloropropane	7.434	63	130828	53.607	ug/L	100
38) Bromodichloromethane	7.824	83	164698	50.991	ug/L	96
39) cis-1,3-Dichloropropene	8.372	75	187846	51.598	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	400406	94.214	ug/L	92
42) Toluene	8.720	91	512485	52.853	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	174635	49.010	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	131314	57.866	ug/L	99
46) Tetrachloroethene	9.275	164	95515	56.851	ug/L	99
48) 2-Hexanone	9.433	43	310392	93.998	ug/L	92
49) Dibromochloromethane	9.525	129	129761	53.748	ug/L	100
50) 1,2-Dibromoethane	9.610	107	131629	52.745	ug/L	99
51) Chlorobenzene	10.086	112	329804	54.595	ug/L	91
52) Ethylbenzene	10.195	91	558830	52.857	ug/L	98
53) m,p-Xylene	10.305	106	211694	53.720	ug/L	90
54) o-Xylene	10.646	106	214451	54.613	ug/L	94
55) Styrene	10.659	104	368848	55.787	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	205308	59.460	ug/L	100
59) Bromoform	10.805	173	83211	50.986	ug/L	100
60) Isopropylbenzene	10.963	105	548565	51.639	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	168659	52.403	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	471591	51.998	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	477994	52.188	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	246582	53.396	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	250852	53.436	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	262212	54.907	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	52928	49.853	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	165767	51.186	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	152578	53.646	ug/L	98
71) Naphthalene	13.780	128	636166	54.035	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	159420	53.064	ug/L	98

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

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