

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026093.D
 Acq On : 28 Dec 2021 04:04
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050745

Quant Time: Dec 28 04:43:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 28 02:17:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	189392	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	173997	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	88361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	79490	59.186	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 118.380%			
7) Chloroethane-d5	1.672	69	62803	58.513	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.020%			
11) 1,1-Dichloroethene-d2	2.313	63	157042	59.006	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 118.020%			
21) 2-Butanone-d5	4.458	46	133431	114.591	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.590%			
24) Chloroform-d	5.068	84	157388	58.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.120%			
26) 1,2-Dichloroethane-d4	5.958	65	99558	54.710	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.420%			
32) Benzene-d6	5.983	84	294123	58.728	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.460%			
36) 1,2-Dichloropropane-d6	7.312	67	95469	61.324	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 122.640%#			
41) Toluene-d8	8.653	98	261724	55.970	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.940%			
43) trans-1,3-Dichloroprop...	8.952	79	45409	67.043	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 134.080%#			
47) 2-Hexanone-d5	9.384	63	95414	118.755	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 118.750%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	127155	55.393	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.780%			
66) 1,2-Dichlorobenzene-d4	12.323	152	95198	57.014	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	106285	56.149	ug/L	100
3) Chloromethane	1.294	50	95826	54.538	ug/L	99
5) Vinyl chloride	1.380	62	97832	56.100	ug/L	100
6) Bromomethane	1.618	94	52169	52.388	ug/L	99
8) Chloroethane	1.691	64	57322	54.438	ug/L	100
9) Trichlorofluoromethane	1.892	101	150580	57.061	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	77498	56.952	ug/L	95
12) 1,1-Dichloroethene	2.325	96	72710	57.129	ug/L	79
13) Acetone	2.386	43	81846	128.571	ug/L	94
14) Carbon disulfide	2.520	76	207146	58.929	ug/L	100
15) Methyl Acetate	2.709	43	95803	54.606	ug/L #	90
16) Methylene chloride	2.794	84	80913	54.680	ug/L	91
17) trans-1,2-Dichloroethene	3.099	96	75321	55.576	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	263902	59.941	ug/L	96
19) 1,1-Dichloroethane	3.617	63	146018	57.127	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	86958	57.491	ug/L	89
22) 2-Butanone	4.562	43	137863	116.313	ug/L	90
23) Bromochloromethane	4.910	128	43061	57.067	ug/L #	85
25) Chloroform	5.099	83	149345	56.002	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	118945	54.073	ug/L	97
29) Cyclohexane	5.477	56	132267	57.876	ug/L	93
30) 1,1,1-Trichloroethane	5.391	97	134248	63.364	ug/L	97
31) Carbon tetrachloride	5.684	117	114828	62.536	ug/L	99
33) Benzene	6.044	78	315629	57.126	ug/L	100
34) Trichloroethene	7.129	95	81786	57.869	ug/L	91
35) Methylcyclohexane	7.385	83	125603	56.149	ug/L	95
37) 1,2-Dichloropropane	7.434	63	82582	58.885	ug/L	98
38) Bromodichloromethane	7.824	83	113635	61.827	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	127941	63.486	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	266632	113.086	ug/L	95
42) Toluene	8.720	91	345753	58.762	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	120857	63.195	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	76797	56.693	ug/L	97
46) Tetrachloroethene	9.275	164	59983	55.633	ug/L	95
48) 2-Hexanone	9.433	43	201223	112.208	ug/L	95
49) Dibromochloromethane	9.525	129	88166	63.021	ug/L	95
50) 1,2-Dibromoethane	9.610	107	82191	56.817	ug/L	99
51) Chlorobenzene	10.079	112	204083	55.102	ug/L	96
52) Ethylbenzene	10.195	91	356181	55.814	ug/L	96
53) m,p-Xylene	10.305	106	136696	56.114	ug/L	93
54) o-Xylene	10.646	106	133237	55.217	ug/L	89
55) Styrene	10.659	104	226474	55.598	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	121740	53.480	ug/L	97
59) Bromoform	10.799	173	61266	67.136	ug/L	100
60) Isopropylbenzene	10.963	105	346613	57.095	ug/L	96
61) 1,2,3-Trichloropropane	11.244	75	97697	55.336	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	293119	57.667	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	295377	58.007	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	149437	55.169	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	149282	54.739	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	147799	55.186	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	28572	61.426	ug/L	80
69) 1,3,5-Trichlorobenzene	13.115	180	101898	56.037	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	90619	55.960	ug/L	97
71) Naphthalene	13.780	128	359055	58.652	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	93124	55.685	ug/L	98

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

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