

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025758.D
 Acq On : 11 Dec 2021 21:04
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050729

Quant Time: Dec 12 06:37:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	93632	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	91410	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	44848	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	28471	44.556	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.120%
7) Chloroethane-d5	1.660	69	24771	46.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.940%
11) 1,1-Dichloroethene-d2	2.306	63	52773	51.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.600%
21) 2-Butanone-d5	4.465	46	47670	100.217	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.220%
24) Chloroform-d	5.068	84	58236	52.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.300%
26) 1,2-Dichloroethane-d4	5.958	65	37323	53.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.240%
32) Benzene-d6	5.983	84	110577	45.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.280%
36) 1,2-Dichloropropane-d6	7.312	67	33820	45.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.180%
41) Toluene-d8	8.653	98	105043	45.936	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.880%
43) trans-1,3-Dichloroprop...	8.952	79	16358	43.377	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.760%
47) 2-Hexanone-d5	9.391	63	35268	90.327	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.330%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	52274	49.312	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.620%
66) 1,2-Dichlorobenzene-d4	12.323	152	40979	46.587	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28064	51.076	ug/L	100
3) Chloromethane	1.294	50	27537	48.556	ug/L	97
5) Vinyl chloride	1.374	62	31799	48.030	ug/L	98
6) Bromomethane	1.599	94	21164	61.105	ug/L	98
8) Chloroethane	1.685	64	21599	48.972	ug/L	95
9) Trichlorofluoromethane	1.886	101	55223	53.451	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	28869	53.208	ug/L	95
12) 1,1-Dichloroethene	2.319	96	25728	51.170	ug/L	89
13) Acetone	2.386	43	31988	81.785	ug/L	98
14) Carbon disulfide	2.514	76	60166	48.667	ug/L	100
15) Methyl Acetate	2.709	43	34560	54.674	ug/L #	90
16) Methylene chloride	2.794	84	30425	52.319	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	27557	50.908	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	96669	52.543	ug/L	98
19) 1,1-Dichloroethane	3.611	63	52721	54.385	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	33062	51.831	ug/L	97
22) 2-Butanone	4.562	43	51072	98.735	ug/L	99
23) Bromochloromethane	4.910	128	17327	51.415	ug/L	99
25) Chloroform	5.099	83	59991	56.866	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	45769	59.649	ug/L	96
29) Cyclohexane	5.477	56	41977	44.824	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	52356	51.885	ug/L	98
31) Carbon tetrachloride	5.684	117	46908	52.056	ug/L	99
33) Benzene	6.044	78	118798	48.648	ug/L	100
34) Trichloroethene	7.129	95	31695	49.346	ug/L	96
35) Methylcyclohexane	7.385	83	43189	42.722	ug/L	99
37) 1,2-Dichloropropane	7.434	63	30005	48.987	ug/L	100
38) Bromodichloromethane	7.824	83	46538	54.559	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	47500	47.613	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	101238	103.508	ug/L	99
42) Toluene	8.720	91	132148	49.069	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	46136	48.116	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	33137	50.980	ug/L	97
46) Tetrachloroethene	9.275	164	23640	43.399	ug/L	96
48) 2-Hexanone	9.433	43	80917	103.007	ug/L	97
49) Dibromochloromethane	9.525	129	39934	53.304	ug/L	97
50) 1,2-Dibromoethane	9.610	107	34873	50.338	ug/L	98
51) Chlorobenzene	10.079	112	88421	49.774	ug/L	97
52) Ethylbenzene	10.195	91	146711	50.689	ug/L	97
53) m,p-Xylene	10.305	106	56815	48.460	ug/L	97
54) o-Xylene	10.646	106	57159	48.705	ug/L	94
55) Styrene	10.659	104	98561	50.542	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	53642	53.444	ug/L	97
59) Bromoform	10.805	173	29750	53.762	ug/L	98
60) Isopropylbenzene	10.963	105	149794	51.971	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	43502	56.703	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	125638	52.117	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	125243	51.419	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	67026	50.644	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	66894	50.039	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	69449	51.895	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	12510	58.672	ug/L	81
69) 1,3,5-Trichlorobenzene	13.115	180	43841	45.535	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	36790	45.459	ug/L	99
71) Naphthalene	13.780	128	142251	51.857	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	39795	48.000	ug/L	99

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

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