

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026048.D
 Acq On : 27 Dec 2021 09:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050743

Quant Time: Dec 27 15:24:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	271306	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142918	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	122570	63.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.420%
7) Chloroethane-d5	1.666	69	90067	58.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.160%
11) 1,1-Dichloroethene-d2	2.312	63	218378	57.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.560%
21) 2-Butanone-d5	4.452	46	158583	95.072	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.070%
24) Chloroform-d	5.056	84	192910	50.104	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.952	65	136964	52.542	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.080%
32) Benzene-d6	5.976	84	417234	55.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.460%
36) 1,2-Dichloropropane-d6	7.312	67	130816	55.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.420%
41) Toluene-d8	8.647	98	388544	55.085	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.180%
43) trans-1,3-Dichloroprop...	8.945	79	61434	60.131	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.260%
47) 2-Hexanone-d5	9.384	63	127773	105.428	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.430%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	180565	52.147	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.300%
66) 1,2-Dichlorobenzene-d4	12.323	152	148166	54.862	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	138629	51.124	ug/L	100
3) Chloromethane	1.294	50	131471	52.234	ug/L	98
5) Vinyl chloride	1.374	62	129990	52.035	ug/L	99
6) Bromomethane	1.605	94	76787	53.829	ug/L	98
8) Chloroethane	1.691	64	75833	50.274	ug/L	99
9) Trichlorofluoromethane	1.892	101	194956	51.572	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	103692	53.194	ug/L	95
12) 1,1-Dichloroethene	2.325	96	94561	51.866	ug/L	91
13) Acetone	2.380	43	102587	112.496	ug/L	93
14) Carbon disulfide	2.514	76	259412	51.517	ug/L	99
15) Methyl Acetate	2.703	43	119360	47.492	ug/L #	90
16) Methylene chloride	2.794	84	105261	49.657	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	99936	51.475	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	327211	51.881	ug/L	96
19) 1,1-Dichloroethane	3.611	63	186750	51.004	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	111716	51.560	ug/L	88
22) 2-Butanone	4.556	43	171917	101.252	ug/L	95
23) Bromochloromethane	4.903	128	56797	52.545	ug/L	87
25) Chloroform	5.092	83	212470	55.618	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	157256	49.905	ug/L	97
29) Cyclohexane	5.470	56	179143	51.967	ug/L	93
30) 1,1,1-Trichloroethane	5.385	97	165752	51.865	ug/L	96
31) Carbon tetrachloride	5.678	117	142287	51.372	ug/L	99
33) Benzene	6.037	78	421789	50.609	ug/L	100
34) Trichloroethene	7.123	95	109701	51.459	ug/L	90
35) Methylcyclohexane	7.379	83	176746	52.381	ug/L	94
37) 1,2-Dichloropropane	7.434	63	107092	50.624	ug/L	98
38) Bromodichloromethane	7.824	83	139246	50.226	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	167916	55.239	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	349348	98.228	ug/L	95
42) Toluene	8.720	91	456541	51.439	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	161680	56.047	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	104193	50.992	ug/L	99
46) Tetrachloroethene	9.275	164	85461	52.547	ug/L	98
48) 2-Hexanone	9.427	43	285881	105.685	ug/L	96
49) Dibromochloromethane	9.525	129	112764	53.436	ug/L	98
50) 1,2-Dibromoethane	9.610	107	111987	51.322	ug/L	99
51) Chlorobenzene	10.079	112	290137	51.933	ug/L	98
52) Ethylbenzene	10.195	91	500059	51.949	ug/L	97
53) m,p-Xylene	10.299	106	193547	52.673	ug/L	93
54) o-Xylene	10.640	106	188804	51.873	ug/L	86
55) Styrene	10.659	104	326930	53.208	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	169956	49.497	ug/L	97
59) Bromoform	10.799	173	77166	52.280	ug/L	99
60) Isopropylbenzene	10.963	105	504831	51.413	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	135489	47.446	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	427935	52.051	ug/L	95
63) 1,2,4-Trimethylbenzene	11.750	105	427950	51.960	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	225337	51.433	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	224204	50.828	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	220005	50.788	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	36893	49.037	ug/L	81
69) 1,3,5-Trichlorobenzene	13.115	180	156639	53.257	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	140411	53.608	ug/L	98
71) Naphthalene	13.774	128	512993	51.809	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	141647	52.367	ug/L	99

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

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