

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025729.D
 Acq On : 11 Dec 2021 02:10
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050727

Quant Time: Dec 11 02:40:28 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	102278	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	99321	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	49954	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	30484	43.673	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.340%		
7) Chloroethane-d5	1.666	69	26600	46.174	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.340%		
11) 1,1-Dichloroethene-d2	2.306	63	58307	52.390	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.780%		
21) 2-Butanone-d5	4.458	46	48983	94.272	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.270%		
24) Chloroform-d	5.062	84	63337	51.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.840%		
26) 1,2-Dichloroethane-d4	5.958	65	40320	53.026	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.060%		
32) Benzene-d6	5.976	84	122084	46.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.760%		
36) 1,2-Dichloropropane-d6	7.312	67	36840	45.203	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.400%		
41) Toluene-d8	8.653	98	117506	47.294	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.580%		
43) trans-1,3-Dichloroprop...	8.951	79	17476	42.651	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.300%		
47) 2-Hexanone-d5	9.384	63	35607	83.932	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.930%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	54767	47.548	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.100%		
66) 1,2-Dichlorobenzene-d4	12.323	152	45887	46.834	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	30033	50.039	ug/L	99
3) Chloromethane	1.294	50	29929	48.313	ug/L	97
5) Vinyl chloride	1.374	62	32506	44.947	ug/L	95
6) Bromomethane	1.599	94	21038	55.607	ug/L	95
8) Chloroethane	1.685	64	22375	46.443	ug/L	96
9) Trichlorofluoromethane	1.886	101	56417	49.990	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	30890	52.120	ug/L	96
12) 1,1-Dichloroethene	2.319	96	27530	50.126	ug/L	82
13) Acetone	2.380	43	33510	78.434	ug/L	98
14) Carbon disulfide	2.514	76	64270	47.592	ug/L	98
15) Methyl Acetate	2.703	43	35377	51.236	ug/L #	90
16) Methylene chloride	2.788	84	33115	52.131	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	29602	50.063	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	102884	51.194	ug/L	99
19) 1,1-Dichloroethane	3.611	63	56270	53.139	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	35997	51.661	ug/L	100
22) 2-Butanone	4.562	43	53556	94.785	ug/L	98
23) Bromochloromethane	4.903	128	18538	50.359	ug/L	97
25) Chloroform	5.099	83	64421	55.903	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	48073	57.356	ug/L	98
29) Cyclohexane	5.477	56	45396	44.614	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	55625	50.734	ug/L	98
31) Carbon tetrachloride	5.684	117	49309	50.362	ug/L	99
33) Benzene	6.043	78	127990	48.237	ug/L	100
34) Trichloroethene	7.129	95	34599	49.577	ug/L	95
35) Methylcyclohexane	7.385	83	47449	43.198	ug/L	99
37) 1,2-Dichloropropane	7.433	63	32663	49.079	ug/L #	93
38) Bromodichloromethane	7.824	83	49523	53.434	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	50051	46.174	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	106253	99.983	ug/L	97
42) Toluene	8.720	91	143142	48.918	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	50115	48.103	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	35891	50.819	ug/L	96
46) Tetrachloroethene	9.275	164	26422	44.642	ug/L	94
48) 2-Hexanone	9.433	43	82824	97.037	ug/L	98
49) Dibromochloromethane	9.525	129	42091	51.708	ug/L	96
50) 1,2-Dibromoethane	9.610	107	37166	49.375	ug/L	99
51) Chlorobenzene	10.079	112	96279	49.880	ug/L	99
52) Ethylbenzene	10.195	91	158310	50.339	ug/L	98
53) m,p-Xylene	10.305	106	62699	49.219	ug/L	98
54) o-Xylene	10.646	106	61469	48.205	ug/L	95
55) Styrene	10.659	104	105994	50.024	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	56149	51.486	ug/L	98
59) Bromoform	10.799	173	30941	50.199	ug/L	99
60) Isopropylbenzene	10.963	105	162424	50.593	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	44781	52.404	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	134255	49.999	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	135831	50.066	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	73150	49.622	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	73169	49.138	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	74987	50.306	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	12429	52.334	ug/L	90
69) 1,3,5-Trichlorobenzene	13.115	180	48283	45.023	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	40631	45.073	ug/L	98
71) Naphthalene	13.780	128	150783	49.349	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	42715	46.256	ug/L	99

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

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