

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
 Data File : VX025141.D
 Acq On : 12 Nov 2021 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050706

Quant Time: Nov 12 12:01:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 12 12:01:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	210766	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	193453	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68107	47.831	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.660%
7) Chloroethane-d5	1.666	69	39739	48.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.940%
11) 1,1-Dichloroethene-d2	2.306	63	114508	46.757	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.520%
21) 2-Butanone-d5	4.459	46	103522	96.208	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.210%
24) Chloroform-d	5.056	84	120902	48.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.540%
26) 1,2-Dichloroethane-d4	5.958	65	72381	47.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.340%
32) Benzene-d6	5.977	84	248312	47.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.060%
36) 1,2-Dichloropropane-d6	7.312	67	75679	46.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.880%
41) Toluene-d8	8.647	98	233763	46.362	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	8.952	79	40893	46.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.460%
47) 2-Hexanone-d5	9.384	63	82433	95.219	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.220%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	107814	46.431	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.860%
66) 1,2-Dichlorobenzene-d4	12.323	152	95599	47.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	83159	50.484	ug/L	99
3) Chloromethane	1.288	50	88441	49.593	ug/L	88
5) Vinyl chloride	1.374	62	91610	49.816	ug/L	99
6) Bromomethane	1.611	94	44074	62.456	ug/L	94
8) Chloroethane	1.691	64	43418	47.016	ug/L	97
9) Trichlorofluoromethane	1.886	101	133170	49.611	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	69899	50.252	ug/L	96
12) 1,1-Dichloroethene	2.319	96	66485	49.475	ug/L	85
13) Acetone	2.386	43	96010	95.120	ug/L	98
14) Carbon disulfide	2.514	76	198075	47.839	ug/L	100
15) Methyl Acetate	2.709	43	78946	48.041	ug/L #	81
16) Methylene chloride	2.788	84	71391	48.025	ug/L #	81
17) trans-1,2-Dichloroethene	3.093	96	70772	48.493	ug/L	91
18) Methyl tert-butyl Ether	3.111	73	225212	49.370	ug/L #	90
19) 1,1-Dichloroethane	3.611	63	121412	49.181	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	79453	49.204	ug/L	98
22) 2-Butanone	4.562	43	130378	97.036	ug/L	85
23) Bromochloromethane	4.897	128	41387	49.783	ug/L #	75
25) Chloroform	5.093	83	127456	50.372	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	90497	48.779	ug/L #	89
29) Cyclohexane	5.471	56	120974	48.948	ug/L	86
30) 1,1,1-Trichloroethane	5.385	97	116707	49.094	ug/L #	95
31) Carbon tetrachloride	5.678	117	105325	50.177	ug/L	99
33) Benzene	6.038	78	289239	48.664	ug/L	100
34) Trichloroethene	7.123	95	76220	49.075	ug/L	83
35) Methylcyclohexane	7.379	83	130322	49.620	ug/L	94
37) 1,2-Dichloropropane	7.434	63	72008	48.364	ug/L	100
38) Bromodichloromethane	7.824	83	98386	48.830	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	119688	48.957	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	228116	96.403	ug/L #	84
42) Toluene	8.720	91	314739	48.754	ug/L	96
44) trans-1,3-Dichloropropene	8.976	75	114601	48.166	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	71756	47.728	ug/L	99
46) Tetrachloroethene	9.275	164	65664	50.673	ug/L	89
48) 2-Hexanone	9.433	43	187926	96.890	ug/L #	84
49) Dibromochloromethane	9.525	129	85394	49.756	ug/L	97
50) 1,2-Dibromoethane	9.610	107	79185	49.213	ug/L #	95
51) Chlorobenzene	10.079	112	204052	49.193	ug/L	97
52) Ethylbenzene	10.195	91	342386	49.340	ug/L	93
53) m,p-Xylene	10.305	106	139245	49.631	ug/L	76
54) o-Xylene	10.640	106	133816	48.335	ug/L	86
55) Styrene	10.659	104	231270	49.195	ug/L	81
57) 1,1,2,2-Tetrachloroethane	11.213	83	113463	47.534	ug/L	97
59) Bromoform	10.799	173	65629	48.072	ug/L #	94
60) Isopropylbenzene	10.963	105	352992	48.868	ug/L	94
61) 1,2,3-Trichloropropane	11.238	75	89153	46.869	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	300027	48.955	ug/L	87
63) 1,2,4-Trimethylbenzene	11.756	105	298501	48.547	ug/L #	86
64) 1,3-Dichlorobenzene	11.969	146	165679	50.315	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	164290	49.938	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	160027	48.931	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	26573	48.301	ug/L #	57
69) 1,3,5-Trichlorobenzene	13.116	180	122832	51.562	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	111270	53.547	ug/L	96
71) Naphthalene	13.780	128	369820	52.483	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	109639	53.222	ug/L	96

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

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