

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025757.D
 Acq On : 11 Dec 2021 20:41
 Operator : JC/MD
 Sample : M4997-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5Q3MSD

Quant Time: Dec 12 06:37:13 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	93087	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	90731	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	44712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24635	38.778	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.560%		
7) Chloroethane-d5	1.660	69	22094	42.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.280%		
11) 1,1-Dichloroethene-d2	2.306	63	49255	48.627	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.260%		
21) 2-Butanone-d5	4.465	46	43603	92.204	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.200%		
24) Chloroform-d	5.068	84	55127	49.652	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.300%		
26) 1,2-Dichloroethane-d4	5.964	65	35587	51.423	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.840%		
32) Benzene-d6	5.983	84	102884	42.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.580%		
36) 1,2-Dichloropropane-d6	7.312	67	31697	42.574	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.140%		
41) Toluene-d8	8.653	98	98169	43.252	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.500%		
43) trans-1,3-Dichloroprop...	8.952	79	15675	41.877	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.760%		
47) 2-Hexanone-d5	9.384	63	31611	81.567	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.570%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	50141	47.653	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.300%		
66) 1,2-Dichlorobenzene-d4	12.323	152	38883	44.339	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27434	50.222	ug/L	100
3) Chloromethane	1.294	50	27223	48.284	ug/L	96
5) Vinyl chloride	1.374	62	31100	47.249	ug/L	98
6) Bromomethane	1.599	94	19543	56.755	ug/L	98
8) Chloroethane	1.685	64	21122	48.171	ug/L	98
9) Trichlorofluoromethane	1.886	101	52541	51.152	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	28323	52.507	ug/L	93
12) 1,1-Dichloroethene	2.319	96	25298	50.610	ug/L	90
13) Acetone	2.386	43	29138	74.935	ug/L	98
14) Carbon disulfide	2.514	76	59604	48.494	ug/L	100
15) Methyl Acetate	2.709	43	27744	44.148	ug/L #	90
16) Methylene chloride	2.794	84	30398	52.579	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	27409	50.931	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	94609	51.725	ug/L	98
19) 1,1-Dichloroethane	3.611	63	79374	82.359	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	55576	87.635	ug/L	95
22) 2-Butanone	4.568	43	48722	94.743	ug/L	99
23) Bromochloromethane	4.904	128	17261	51.520	ug/L	94
25) Chloroform	5.099	83	58573	55.847	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	44932	58.901	ug/L	99
29) Cyclohexane	5.477	56	40344	43.402	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	51591	51.509	ug/L	98
31) Carbon tetrachloride	5.684	117	45447	50.813	ug/L	99
33) Benzene	6.044	78	116858	48.212	ug/L	100
34) Trichloroethene	7.129	95	31423	49.289	ug/L	96
35) Methylcyclohexane	7.385	83	42371	42.227	ug/L	98
37) 1,2-Dichloropropane	7.434	63	30350	49.921	ug/L	99
38) Bromodichloromethane	7.824	83	46077	54.423	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	46074	46.529	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	97140	100.062	ug/L	98
42) Toluene	8.720	91	130247	48.725	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	45961	48.292	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	32441	50.283	ug/L	98
46) Tetrachloroethene	9.275	164	22789	42.150	ug/L	93
48) 2-Hexanone	9.433	43	76399	97.984	ug/L	98
49) Dibromochloromethane	9.525	129	39412	53.001	ug/L	99
50) 1,2-Dibromoethane	9.610	107	34833	50.657	ug/L	94
51) Chlorobenzene	10.079	112	87300	49.510	ug/L	98
52) Ethylbenzene	10.195	91	143136	49.824	ug/L	98
53) m,p-Xylene	10.305	106	56180	48.277	ug/L	95
54) o-Xylene	10.646	106	55851	47.946	ug/L	93
55) Styrene	10.659	104	97327	50.282	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	52895	53.094	ug/L	97
59) Bromoform	10.805	173	28749	52.111	ug/L	99
60) Isopropylbenzene	10.963	105	145999	50.809	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	41924	54.812	ug/L	100
62) 1,3,5-Trimethylbenzene	11.457	105	123037	51.193	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	122615	50.493	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	67079	50.838	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	66151	49.633	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	67040	50.248	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	11949	56.211	ug/L	88
69) 1,3,5-Trichlorobenzene	13.115	180	43084	44.885	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	36877	45.705	ug/L	97
71) Naphthalene	13.780	128	138338	50.584	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	38401	46.459	ug/L	98

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

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