

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052621\
 Data File : VX022178.D
 Acq On : 25 May 2021 15:56
 Operator : JC/MD
 Sample : VSTD01032
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010132

Manual Integrations
 APPROVED

MMDadoda
 5/26/2021 3:17:05 PM

Quant Time: May 25 17:21:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML052621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 25 17:17:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	156137	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140604	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	61976	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	10881	10.246	ug/L	0.00
7) Chloroethane-d5	1.666	69	8157	9.991	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	63	18834	8.838	ug/L	0.00
21) 2-Butanone-d5	4.471	46	17012	20.699	ug/L	0.00
24) Chloroform-d	5.062	84	19523m	8.864	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	13366	8.718	ug/L	0.00
32) Benzene-d6	5.977	84	41841	10.493	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	12848	9.912	ug/L	0.00
41) Toluene-d8	8.653	98	37888	10.179	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5920	9.023	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	12106	22.654	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	17251	10.214	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	11983	9.403	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	9241	7.139	ug/L	98
3) Chloromethane	1.295	50	8914	6.997	ug/L	93
5) Vinyl chloride	1.374	62	9743	8.279	ug/L	96
6) Bromomethane	1.605	94	5069	9.563	ug/L	86
8) Chloroethane	1.685	64	5748	8.085	ug/L	96
9) Trichlorofluoromethane	1.886	101	13497	7.895	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	8190	7.937	ug/L	93
12) 1,1-Dichloroethene	2.319	96	7872	8.286	ug/L #	87
13) Acetone	2.386	43	10372	19.902	ug/L	92
14) Carbon disulfide	2.514	76	20490	7.210	ug/L	97
15) Methyl Acetate	2.709	43	9909	8.415	ug/L	94
16) Methylene chloride	2.794	84	9782	9.038	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	8518	8.568	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	28197	8.553	ug/L	99
19) 1,1-Dichloroethane	3.617	63	15358	8.068	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	9412	8.469	ug/L	96
22) 2-Butanone	4.568	43	15562	18.599	ug/L	97
23) Bromochloromethane	4.904	128	4199	7.643	ug/L	90
25) Chloroform	5.099	83	15485	7.640	ug/L	91
27) 1,2-Dichloroethane	6.092	62	12462	7.374	ug/L	99
29) Cyclohexane	5.477	56	14416	8.655	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	13076	7.509	ug/L	98
31) Carbon tetrachloride	5.678	117	10290	6.873	ug/L	99
33) Benzene	6.044	78	35595	8.834	ug/L	100
34) Trichloroethene	7.129	95	8789	8.076	ug/L	93
35) Methylcyclohexane	7.385	83	14882	9.158	ug/L	98
37) 1,2-Dichloropropane	7.440	63	9294	8.794	ug/L	99
38) Bromodichloromethane	7.824	83	10371	7.101	ug/L	95
39) cis-1,3-Dichloropropene	8.373	75	13548	8.166	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	27171	17.399	ug/L	94
42) Toluene	8.720	91	36796	8.584	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	13167	8.124	ug/L	96

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45) 1,1,2-Trichloroethane	9.159	97	8702	8.580	ug/L	95
46) Tetrachloroethene	9.275	164	5992	7.613	ug/L	92
48) 2-Hexanone	9.433	43	22339	18.557	ug/L	90
49) Dibromochloromethane	9.525	129	7544	6.818	ug/L	99
50) 1,2-Dibromoethane	9.616	107	8831	8.450	ug/L #	99
51) Chlorobenzene	10.080	112	23804	8.822	ug/L	97
52) Ethylbenzene	10.195	91	39939	8.490	ug/L	95
53) m,p-Xylene	10.305	106	15331	8.911	ug/L	99
54) o-Xylene	10.647	106	15077	8.943	ug/L	99
55) Styrene	10.659	104	24801	8.632	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.214	83	13634	8.917	ug/L	94
59) Bromoform	10.805	173	4056	5.548	ug/L	95
60) Isopropylbenzene	10.964	105	39092	9.179	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	11203	9.124	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	32317	9.150	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	32656	9.216	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	15765	8.584	ug/L	87
65) 1,4-Dichlorobenzene	12.043	146	15480	8.291	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	16249	8.799	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	2388	7.018	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	9780	7.687	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	8759	7.756	ug/L #	97
71) Naphthalene	13.780	128	36037	9.389	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	8894m	7.691	ug/L	

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

