

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052621\
 Data File : VX022179.D
 Acq On : 25 May 2021 16:19
 Operator : JC/MD
 Sample : VSTD05033
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050133

Quant Time: May 25 17:00:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML052621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 25 16:55:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	158667	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143413	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	65452	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64905	60.143	ug/L	0.00
7) Chloroethane-d5	1.660	69	50882	61.330	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	63	117788	54.390	ug/L	0.00
21) 2-Butanone-d5	4.465	46	104870	125.561	ug/L	0.00
24) Chloroform-d	5.062	84	121351	54.216	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	78244	50.224	ug/L	0.00
32) Benzene-d6	5.983	84	253952	62.442	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	78296	59.221	ug/L	0.00
41) Toluene-d8	8.653	98	229461	60.441	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	39560	59.112	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	77948	143.005	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	107773	62.563	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	74848	55.614	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	58844	44.737	ug/L	100
3) Chloromethane	1.295	50	58944	45.532	ug/L	96
5) Vinyl chloride	1.374	62	64378	53.835	ug/L	99
6) Bromomethane	1.599	94	31076	57.689	ug/L	98
8) Chloroethane	1.685	64	39226	54.293	ug/L	99
9) Trichlorofluoromethane	1.886	101	85971	49.486	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	52524	50.088	ug/L	91
12) 1,1-Dichloroethene	2.319	96	50087	51.883	ug/L	84
13) Acetone	2.386	43	62937	118.841	ug/L	97
14) Carbon disulfide	2.514	76	148016	51.255	ug/L	99
15) Methyl Acetate	2.709	43	68007	56.833	ug/L	94
16) Methylene chloride	2.794	84	60871	55.345	ug/L	87
17) trans-1,2-Dichloroethene	3.099	96	55238	54.678	ug/L	98
18) Methyl tert-butyl Ether	3.124	73	189923	56.692	ug/L	98
19) 1,1-Dichloroethane	3.617	63	104256	53.897	ug/L	98
20) cis-1,2-Dichloroethene	4.501	96	64350	56.979	ug/L	96
22) 2-Butanone	4.568	43	103535	121.769	ug/L	92
23) Bromochloromethane	4.916	128	29917	53.589	ug/L	93
25) Chloroform	5.105	83	106608	51.763	ug/L	100
27) 1,2-Dichloroethane	6.093	62	84019	48.925	ug/L	98
29) Cyclohexane	5.477	56	98054	57.714	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	92627	52.149	ug/L	99
31) Carbon tetrachloride	5.690	117	76213	49.909	ug/L	97
33) Benzene	6.050	78	241097	58.665	ug/L	100
34) Trichloroethene	7.129	95	59137	53.273	ug/L	98
35) Methylcyclohexane	7.385	83	97984	59.118	ug/L	99
37) 1,2-Dichloropropane	7.434	63	60395	56.024	ug/L	99
38) Bromodichloromethane	7.824	83	77185	51.816	ug/L	98
39) cis-1,3-Dichloropropene	8.373	75	97848	57.821	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	196874	123.597	ug/L	94
42) Toluene	8.726	91	254168	58.134	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	94424	57.119	ug/L	98

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45) 1,1,2-Trichloroethane	9.159	97	59149	57.180	ug/L	99
46) Tetrachloroethene	9.281	164	39322	48.983	ug/L	92
48) 2-Hexanone	9.433	43	153749	125.221	ug/L	92
49) Dibromochloromethane	9.525	129	57233	50.714	ug/L	100
50) 1,2-Dibromoethane	9.616	107	60504	56.763	ug/L	100
51) Chlorobenzene	10.086	112	156982	57.037	ug/L	99
52) Ethylbenzene	10.195	91	281152	58.596	ug/L	100
53) m,p-Xylene	10.305	106	105291	60.000	ug/L	99
54) o-Xylene	10.647	106	104024	60.491	ug/L	92
55) Styrene	10.659	104	176590	60.255	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.214	83	96861	62.106	ug/L	98
59) Bromoform	10.805	173	36441	47.201	ug/L #	97
60) Isopropylbenzene	10.964	105	271201	60.297	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	78116	60.243	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	227675	61.038	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	232720	62.189	ug/L	100
64) 1,3-Dichlorobenzene	11.970	146	107842	55.602	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	107379	54.459	ug/L	95
67) 1,2-Dichlorobenzene	12.341	146	107129	54.930	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	20802	57.891	ug/L	89
69) 1,3,5-Trichlorobenzene	13.116	180	69591	51.790	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	63300	53.077	ug/L	96
71) Naphthalene	13.780	128	271944	67.087	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	64328	52.671	ug/L	97

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

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