

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052621\
 Data File : VX022177.D
 Acq On : 25 May 2021 15:29
 Operator : JC/MD
 Sample : VSTD00531
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005311

Quant Time: May 25 16:59:34 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	206207	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	185066	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81812	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	6822	4.864	ug/L	0.00
7) Chloroethane-d5	1.666	69	5275	4.892	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	12774	4.539	ug/L	0.00
21) 2-Butanone-d5	4.471	46	10386	9.568	ug/L	0.00
24) Chloroform-d	5.068	84	11768	4.045	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	8558	4.227	ug/L	0.00
32) Benzene-d6	5.976	84	25377	4.835	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	8120	4.759	ug/L	0.00
41) Toluene-d8	8.653	98	23452	4.787	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	3703	4.288	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	7219	10.263	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	10584	4.761	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	7241	4.304	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	8069	4.720	ug/L	97
3) Chloromethane	1.294	50	7868	4.677	ug/L	94
5) Vinyl chloride	1.374	62	8585	5.524	ug/L	99
6) Bromomethane	1.605	94	4462	6.374	ug/L	97
8) Chloroethane	1.685	64	5032	5.359	ug/L	93
9) Trichlorofluoromethane	1.886	101	12201	5.404	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	7443	5.461	ug/L	94
12) 1,1-Dichloroethene	2.319	96	7115	5.671	ug/L	94
13) Acetone	2.386	43	11896	17.284	ug/L	97
14) Carbon disulfide	2.514	76	19303	5.143	ug/L	98
15) Methyl Acetate	2.715	43	9135	5.874	ug/L	95
16) Methylene chloride	2.788	84	9070	6.345	ug/L	94
17) trans-1,2-Dichloroethene	3.099	96	7428	5.658	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	26113	5.998	ug/L	97
19) 1,1-Dichloroethane	3.611	63	14148	5.628	ug/L	96
20) cis-1,2-Dichloroethene	4.501	96	8362	5.697	ug/L	75
22) 2-Butanone	4.568	43	15566	14.087	ug/L	92
23) Bromochloromethane	4.903	128	4108	5.662	ug/L	88
25) Chloroform	5.105	83	14458	5.402	ug/L	99
27) 1,2-Dichloroethane	6.092	62	11168	5.004	ug/L	96
29) Cyclohexane	5.477	56	13623	6.214	ug/L #	96
30) 1,1,1-Trichloroethane	5.391	97	12001	5.236	ug/L #	79
31) Carbon tetrachloride	5.684	117	9837	4.992	ug/L #	54
33) Benzene	6.043	78	32088	6.051	ug/L	100
34) Trichloroethene	7.129	95	8282	5.782	ug/L	92
35) Methylcyclohexane	7.385	83	13405	6.267	ug/L	97
37) 1,2-Dichloropropane	7.434	63	8274	5.948	ug/L	98
38) Bromodichloromethane	7.824	83	9761	5.078	ug/L	93
39) cis-1,3-Dichloropropene	8.372	75	11658	5.338	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	24925	12.126	ug/L	94
42) Toluene	8.720	91	33883	6.006	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	11463	5.373	ug/L	99

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45) 1,1,2-Trichloroethane	9.159	97	7825	5.862	ug/L	96
46) Tetrachloroethene	9.281	164	5664	5.468	ug/L	89
48) 2-Hexanone	9.433	43	20372	12.858	ug/L	93
49) Dibromochloromethane	9.525	129	6514	4.473	ug/L	97
50) 1,2-Dibromoethane	9.616	107	7756	5.639	ug/L #	98
51) Chlorobenzene	10.085	112	21277	5.991	ug/L	94
52) Ethylbenzene	10.195	91	38259	6.179	ug/L	100
53) m,p-Xylene	10.305	106	14749	6.513	ug/L	99
54) o-Xylene	10.646	106	13938	6.281	ug/L	94
55) Styrene	10.659	104	22188	5.867	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	12573	6.247	ug/L #	91
59) Bromoform	10.799	173	3887	4.028	ug/L	94
60) Isopropylbenzene	10.963	105	36298	6.456	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	10295	6.352	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	30116	6.459	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	30454	6.511	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	14452	5.961	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	14809	6.009	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	14856	6.094	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	2240	4.987	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.115	180	9228	5.494	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	8012	5.375	ug/L #	94
71) Naphthalene	13.780	128	32894	6.492	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	8188	5.364	ug/L	97

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

