

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071921\
 Data File : VV021676.D
 Acq On : 19 Jul 2021 12:37
 Operator : SY/MD
 Sample : VSTD00525
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005225

Quant Time: Jul 20 01:27:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:26:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	482209	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	449509	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	224182	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	17538	5.635	ug/L	0.00
7) Chloroethane-d5	1.564	69	12542	5.019	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	28859	5.168	ug/L	0.00
21) 2-Butanone-d5	3.895	46	22823	8.786	ug/L	0.02
24) Chloroform-d	4.352	84	31912	4.992	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	18518	4.912	ug/L	0.00
32) Benzene-d6	5.050	84	63812	4.988	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	20027	4.956	ug/L	0.00
41) Toluene-d8	7.320	98	59246	4.997	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	9396	4.678	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	15030	8.097	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25509	4.726	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	22937	5.064	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	19330	4.817	ug/L	96
3) Chloromethane	1.240	50	17899	4.638	ug/L	100
5) Vinyl chloride	1.307	62	18276	4.729	ug/L	98
6) Bromomethane	1.519	94	11373	5.436	ug/L	100
8) Chloroethane	1.584	64	11046	4.987	ug/L	97
9) Trichlorofluoromethane	1.751	101	26415	5.319	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	15369	5.465	ug/L	97
12) 1,1-Dichloroethene	2.117	96	14210	5.277	ug/L	85
13) Acetone	2.169	43	22191	11.035	ug/L	99
14) Carbon disulfide	2.291	76	42239	4.544	ug/L	99
15) Methyl Acetate	2.432	43	18424	4.686	ug/L	100
16) Methylene chloride	2.506	84	22899	6.198	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	16059	4.888	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	53553	4.988	ug/L	97
19) 1,1-Dichloroethane	3.188	63	29822	4.949	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	18446	5.012	ug/L	94
22) 2-Butanone	3.979	43	26158	9.105	ug/L	94
23) Bromochloromethane	4.252	128	9811	5.055	ug/L	96
25) Chloroform	4.378	83	31850	5.176	ug/L	100
27) 1,2-Dichloroethane	5.133	62	22615	5.079	ug/L	96
29) Cyclohexane	4.677	56	26098	4.693	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	28300	5.054	ug/L	98
31) Carbon tetrachloride	4.825	117	23665	4.833	ug/L	98
33) Benzene	5.101	78	65487	4.829	ug/L	100
34) Trichloroethene	5.915	95	18380	5.024	ug/L	90
35) Methylcyclohexane	6.130	83	27786	4.835	ug/L	96
37) 1,2-Dichloropropane	6.175	63	17168	4.840	ug/L	100
38) Bromodichloromethane	6.513	83	23348	4.909	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	27272	4.702	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	47771	9.236	ug/L	99
42) Toluene	7.390	91	72400	4.989	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	25529	4.716	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	17512	5.042	ug/L	99
46) Tetrachloroethene	7.976	164	14442	4.978	ug/L	97
48) 2-Hexanone	8.143	43	39313	9.659	ug/L	97
49) Dibromochloromethane	8.246	129	19423	4.888	ug/L	96
50) 1,2-Dibromoethane	8.355	107	18572	4.902	ug/L	92
51) Chlorobenzene	8.882	112	47560	5.032	ug/L	99
52) Ethylbenzene	9.014	91	76536	4.860	ug/L	98
53) m,p-Xylene	9.140	106	29664	4.908	ug/L	98
54) o-Xylene	9.545	106	30058	4.982	ug/L	99
55) Styrene	9.564	104	49533	4.851	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	25426	4.709	ug/L	99
59) Bromoform	9.734	173	14210	4.985	ug/L	98
60) Isopropylbenzene	9.934	105	77592	5.112	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22599	5.242	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	65346	5.053	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	65373	5.003	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	36658	5.133	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	37006	5.173	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	37726	5.262	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5261	4.187	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	25775	4.836	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	21374	4.649	ug/L	99
71) Naphthalene	13.506	128	61411	4.381	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	22587	4.942	ug/L	97

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

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