

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081921\
 Data File : VX023831.D
 Acq On : 19 Aug 2021 09:42
 Operator : JC/MD
 Sample : VSTD0.506
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.5606

Quant Time: Aug 19 11:03:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 11:03:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	135970	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	128078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62430	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	2822	0.286	ug/L	0.00
7) Chloroethane-d5	1.672	69	3155	0.352	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	7760	0.384	ug/L	0.00
20) 2-Butanone-d5	4.465	46	9748	4.225	ug/L	0.00
24) Chloroform-d	5.062	84	8807	0.422	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	5222	0.510	ug/L	-0.01
32) Benzene-d6	5.976	84	16930	0.421	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	5410	0.440	ug/L	0.00
41) Toluene-d8	8.653	98	16031	0.443	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	1271	0.312	ug/L	0.00
46) 2-Hexanone-d5	9.390	63	6535	3.473	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	3597	0.415	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	5689	0.471	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	6410	0.439	ug/L	98
3) Chloromethane	1.294	50	5194	0.411	ug/L	99
5) Vinyl chloride	1.374	62	5277	0.389	ug/L	98
6) Bromomethane	1.617	94	3317	0.446	ug/L	93
8) Chloroethane	1.691	64	3343	0.417	ug/L	95
9) Trichlorofluoromethane	1.892	101	8116	0.455	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	4585	0.448	ug/L	93
12) 1,1-Dichloroethene	2.319	96	4270	0.433	ug/L	86
13) Acetone	2.386	43	6201	4.586	ug/L	94
14) Carbon disulfide	2.514	76	11116	0.344	ug/L	96
15) Methyl Acetate	2.715	43	1642	0.429	ug/L #	88
16) Methylene chloride	2.794	84	9774	0.802	ug/L	89
17) Methyl tert-butyl Ether	3.123	73	8718	0.388	ug/L #	92
18) trans-1,2-Dichloroethene	3.099	96	4252	0.390	ug/L	99
19) 1,1-Dichloroethane	3.611	63	7759	0.400	ug/L	92
21) 2-Butanone	4.568	43	9697	4.185	ug/L	89
22) cis-1,2-Dichloroethene	4.483	96	4567	0.400	ug/L	89
23) Bromochloromethane	4.916	128	1846	0.365	ug/L #	91
25) Chloroform	5.099	83	8757	0.428	ug/L	93
27) 1,2-Dichloroethane	6.092	62	4845	0.410	ug/L #	87
29) 1,1,1-Trichloroethane	5.385	97	6871	0.406	ug/L	96
30) Cyclohexane	5.477	56	6540	0.405	ug/L	93
31) Carbon tetrachloride	5.672	117	5517	0.381	ug/L	95
33) Benzene	6.044	78	17125	0.400	ug/L	100
34) Trichloroethene	7.123	95	4963	0.439	ug/L	88
35) Methylcyclohexane	7.379	83	6796	0.397	ug/L	96
37) 1,2-Dichloropropane	7.434	63	4556	0.429	ug/L #	90
38) Bromodichloromethane	7.830	83	4970	0.385	ug/L #	87
39) cis-1,3-Dichloropropene	8.366	75	5274	0.364	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	22135	4.161	ug/L #	89
42) Toluene	8.720	91	17606	0.391	ug/L	93
44) trans-1,3-Dichloropropene	8.982	75	4106	0.342	ug/L	84

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

45) 1,1,2-Trichloroethane	9.153	97	2920	0.390	ug/L	95
47) Tetrachloroethene	9.275	164	3897	0.428	ug/L	96
48) 2-Hexanone	9.433	43	15385	4.199	ug/L #	88
49) Dibromochloromethane	9.525	129	2809	0.351	ug/L	86
50) 1,2-Dibromoethane	9.616	107	2560	0.383	ug/L #	96
51) Chlorobenzene	10.079	112	11803	0.413	ug/L	89
52) Ethylbenzene	10.195	91	18369	0.389	ug/L	91
53) m,p-xylene	10.305	106	7157	0.395	ug/L	97
54) o-xylene	10.646	106	6958	0.402	ug/L	93
55) Styrene	10.659	104	11013	0.382	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	2948	0.355	ug/L	94
59) Bromoform	10.799	173	1390	0.337	ug/L #	95
60) Isopropylbenzene	10.963	105	18640	0.429	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	2313	0.393	ug/L	100
62) 1,3,5-Trimethylbenzene	11.457	105	13841	0.393	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	13812	0.391	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	8862	0.425	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	9316	0.444	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	8258	0.425	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	406	0.327	ug/L #	52
69) 1,3,5-Trichlorobenzene	13.115	180	6651	0.418	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	4903	0.390	ug/L	97
71) Naphthalene	13.780	128	6809	0.326	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.963	180	4241	0.364	ug/L	95

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

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