

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081921\
 Data File : VX023832.D
 Acq On : 19 Aug 2021 10:06
 Operator : JC/MD
 Sample : VSTD00107
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001607

Quant Time: Aug 19 11:04:06 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	6.769	114	124046	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	113088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	55950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	4449	0.494	ug/L	0.00
7) Chloroethane-d5	1.672	69	5545	0.679	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	12685	0.689	ug/L	0.00
20) 2-Butanone-d5	4.464	46	19131	9.090	ug/L	0.00
24) Chloroform-d	5.062	84	14608	0.768	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	9005	0.964	ug/L	0.00
32) Benzene-d6	5.982	84	28507	0.802	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	9224	0.849	ug/L	0.00
41) Toluene-d8	8.653	98	27023	0.846	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	2427	0.675	ug/L	0.00
46) 2-Hexanone-d5	9.390	63	13472	8.109	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	6475	0.847	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	10045	0.928	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	9654	0.725	ug/L	100
3) Chloromethane	1.294	50	8441	0.733	ug/L	92
5) Vinyl chloride	1.374	62	8254	0.667	ug/L	95
6) Bromomethane	1.617	94	5173	0.762	ug/L	81
8) Chloroethane	1.691	64	5505	0.753	ug/L	91
9) Trichlorofluoromethane	1.892	101	12888	0.791	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	6726	0.721	ug/L	98
12) 1,1-Dichloroethene	2.318	96	7018	0.779	ug/L	91
13) Acetone	2.392	43	11510	9.331	ug/L	89
14) Carbon disulfide	2.514	76	17040	0.578	ug/L #	95
15) Methyl Acetate	2.709	43	3007	0.862	ug/L	91
16) Methylene chloride	2.794	84	9031	0.812	ug/L	89
17) Methyl tert-butyl Ether	3.129	73	15459	0.754	ug/L #	94
18) trans-1,2-Dichloroethene	3.099	96	7063	0.710	ug/L	98
19) 1,1-Dichloroethane	3.611	63	12431	0.702	ug/L	97
21) 2-Butanone	4.574	43	18020	8.524	ug/L	93
22) cis-1,2-Dichloroethene	4.489	96	7376	0.708	ug/L	97
23) Bromochloromethane	4.916	128	3412	0.740	ug/L	93
25) Chloroform	5.105	83	13522	0.724	ug/L	96
27) 1,2-Dichloroethane	6.098	62	8442	0.783	ug/L #	93
29) 1,1,1-Trichloroethane	5.397	97	11095	0.743	ug/L	98
30) Cyclohexane	5.476	56	10750	0.753	ug/L	95
31) Carbon tetrachloride	5.690	117	9256	0.724	ug/L	96
33) Benzene	6.050	78	28299	0.748	ug/L	100
34) Trichloroethene	7.135	95	7706	0.772	ug/L	94
35) Methylcyclohexane	7.385	83	10540	0.697	ug/L	100
37) 1,2-Dichloropropane	7.440	63	6701	0.715	ug/L	99
38) Bromodichloromethane	7.830	83	7794	0.683	ug/L #	94
39) cis-1,3-Dichloropropene	8.372	75	8807	0.688	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	41378	8.809	ug/L #	90
42) Toluene	8.720	91	28831	0.725	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	7250	0.683	ug/L	95

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

45) 1,1,2-Trichloroethane	9.153	97	4710	0.713	ug/L	91
47) Tetrachloroethene	9.275	164	6004	0.748	ug/L	92
48) 2-Hexanone	9.433	43	30097	9.304	ug/L #	88
49) Dibromochloromethane	9.525	129	4583	0.648	ug/L	87
50) 1,2-Dibromoethane	9.616	107	4367	0.740	ug/L #	98
51) Chlorobenzene	10.085	112	19932	0.791	ug/L	94
52) Ethylbenzene	10.195	91	29915	0.717	ug/L	96
53) m,p-xylene	10.305	106	11767	0.736	ug/L	91
54) o-xylene	10.646	106	11000	0.720	ug/L	91
55) Styrene	10.658	104	17771	0.697	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	5598	0.764	ug/L	94
59) Bromoform	10.805	173	2394	0.648	ug/L #	94
60) Isopropylbenzene	10.963	105	29347	0.754	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	3991	0.756	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	22786	0.721	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	23356	0.738	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	14355	0.768	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	14462	0.769	ug/L	91
67) 1,2-Dichlorobenzene	12.341	146	13695	0.787	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.951	75	793	0.712	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.115	180	10447	0.733	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	8046	0.714	ug/L	95
71) Naphthalene	13.780	128	13136	0.702	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	7964	0.763	ug/L	92

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

