

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081921\
 Data File : VX023833.D
 Acq On : 19 Aug 2021 10:30
 Operator : JC/MD
 Sample : VSTD00508
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005608

Quant Time: Aug 19 11:04:34 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	125694	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	115767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	61524	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	23823	2.610	ug/L	0.00
7) Chloroethane-d5	1.672	69	29169	3.524	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	75097	4.023	ug/L	0.00
20) 2-Butanone-d5	4.464	46	93750	43.960	ug/L	0.00
24) Chloroform-d	5.068	84	85616	4.441	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.970	65	42844	4.527	ug/L	0.00
32) Benzene-d6	5.982	84	164886	4.534	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	49912	4.489	ug/L	0.00
41) Toluene-d8	8.653	98	156749	4.794	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	13825	3.756	ug/L	0.00
46) 2-Hexanone-d5	9.390	63	76793	45.153	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	35131	4.489	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	56396	4.738	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	65791	4.874	ug/L	100
3) Chloromethane	1.294	50	53296	4.565	ug/L	98
5) Vinyl chloride	1.374	62	55392	4.417	ug/L	98
6) Bromomethane	1.611	94	33767	4.909	ug/L	100
8) Chloroethane	1.691	64	32161	4.339	ug/L	94
9) Trichlorofluoromethane	1.892	101	84549	5.122	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	47116	4.981	ug/L	97
12) 1,1-Dichloroethene	2.319	96	43689	4.787	ug/L	88
13) Acetone	2.386	43	61613	49.295	ug/L	91
14) Carbon disulfide	2.514	76	117705	3.940	ug/L	99
15) Methyl Acetate	2.715	43	16511	4.671	ug/L	91
16) Methylene chloride	2.794	84	46308	4.109	ug/L	92
17) Methyl tert-butyl Ether	3.123	73	96499	4.642	ug/L	# 95
18) trans-1,2-Dichloroethene	3.099	96	45469	4.513	ug/L	96
19) 1,1-Dichloroethane	3.617	63	81408	4.537	ug/L	99
21) 2-Butanone	4.568	43	104274	48.678	ug/L	92
22) cis-1,2-Dichloroethene	4.495	96	49074	4.647	ug/L	92
23) Bromochloromethane	4.910	128	20998	4.493	ug/L	94
25) Chloroform	5.105	83	86523	4.571	ug/L	99
27) 1,2-Dichloroethane	6.092	62	52878	4.839	ug/L	# 92
29) 1,1,1-Trichloroethane	5.397	97	76219	4.987	ug/L	98
30) Cyclohexane	5.476	56	76337	5.225	ug/L	98
31) Carbon tetrachloride	5.684	117	65462	5.001	ug/L	100
33) Benzene	6.043	78	188595	4.869	ug/L	100
34) Trichloroethene	7.135	95	50963	4.987	ug/L	97
35) Methylcyclohexane	7.385	83	81137	5.241	ug/L	97
37) 1,2-Dichloropropane	7.433	63	46014	4.795	ug/L	# 97
38) Bromodichloromethane	7.830	83	54519	4.669	ug/L	96
39) cis-1,3-Dichloropropene	8.372	75	63796	4.865	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	263765	54.852	ug/L	91
42) Toluene	8.720	91	207995	5.107	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	51459	4.737	ug/L	98

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

45) 1,1,2-Trichloroethane	9.159	97	31919	4.722	ug/L	97
47) Tetrachloroethene	9.275	164	41284	5.021	ug/L	98
48) 2-Hexanone	9.433	43	190550	57.542	ug/L #	89
49) Dibromochloromethane	9.525	129	33928	4.684	ug/L	97
50) 1,2-Dibromoethane	9.616	107	29284	4.847	ug/L	98
51) Chlorobenzene	10.085	112	131451	5.093	ug/L	95
52) Ethylbenzene	10.195	91	220852	5.174	ug/L	100
53) m,p-xylene	10.305	106	89168	5.448	ug/L	100
54) o-xylene	10.646	106	84650	5.411	ug/L	98
55) Styrene	10.658	104	142354	5.458	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	34991	4.665	ug/L	94
59) Bromoform	10.805	173	16307	4.012	ug/L	98
60) Isopropylbenzene	10.963	105	225474	5.267	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	25552	4.402	ug/L	100
62) 1,3,5-Trimethylbenzene	11.457	105	188456	5.423	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	193269	5.552	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	104446	5.079	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	102580	4.963	ug/L	99
67) 1,2-Dichlorobenzene	12.341	146	94835	4.956	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	4861	3.971	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	78106	4.984	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	61470	4.962	ug/L	96
71) Naphthalene	13.780	128	105777	5.144	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	57337	4.995	ug/L	96

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

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