

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081921\
 Data File : VX023834.D
 Acq On : 19 Aug 2021 10:54
 Operator : JC/MD
 Sample : VSTD01009
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010609

Quant Time: Aug 19 11:20:49 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	118103	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	113167	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	60674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48858	5.697	ug/L	0.00
7) Chloroethane-d5	1.666	69	61906	7.960	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	151454	8.634	ug/L	0.00
20) 2-Butanone-d5	4.465	46	223144	111.358	ug/L	0.00
24) Chloroform-d	5.068	84	176196	9.726	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	90799	10.210	ug/L	0.00
32) Benzene-d6	5.983	84	337704	9.500	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	104155	9.582	ug/L	0.00
41) Toluene-d8	8.653	98	321811	10.068	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	32041	8.904	ug/L	0.00
46) 2-Hexanone-d5	9.391	63	188205	113.204	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	80537	10.527	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	124030	10.566	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	130343	10.276	ug/L	100
3) Chloromethane	1.294	50	104590	9.535	ug/L	97
5) Vinyl chloride	1.374	62	108785	9.232	ug/L	98
6) Bromomethane	1.605	94	69362	10.732	ug/L	99
8) Chloroethane	1.685	64	64093	9.203	ug/L	97
9) Trichlorofluoromethane	1.886	101	170295	10.981	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	92898	10.452	ug/L	96
12) 1,1-Dichloroethene	2.319	96	86921	10.137	ug/L	94
13) Acetone	2.386	43	136862	116.538	ug/L	91
14) Carbon disulfide	2.514	76	240095	8.552	ug/L	99
15) Methyl Acetate	2.709	43	36126	10.878	ug/L	93
16) Methylene chloride	2.794	84	91152	8.607	ug/L	92
17) Methyl tert-butyl Ether	3.123	73	208326	10.665	ug/L	96
18) trans-1,2-Dichloroethene	3.093	96	91671	9.684	ug/L	98
19) 1,1-Dichloroethane	3.617	63	163867	9.719	ug/L	99
21) 2-Butanone	4.568	43	238769	118.629	ug/L	93
22) cis-1,2-Dichloroethene	4.495	96	99276	10.004	ug/L	98
23) Bromochloromethane	4.904	128	43548	9.916	ug/L	94
25) Chloroform	5.099	83	172540	9.701	ug/L	98
27) 1,2-Dichloroethane	6.098	62	111464	10.857	ug/L	96
29) 1,1,1-Trichloroethane	5.391	97	152864	10.232	ug/L	98
30) Cyclohexane	5.477	56	157728	11.044	ug/L	97
31) Carbon tetrachloride	5.684	117	135728	10.608	ug/L	100
33) Benzene	6.044	78	373096	9.854	ug/L	100
34) Trichloroethene	7.129	95	101110	10.121	ug/L	100
35) Methylcyclohexane	7.385	83	168091	11.108	ug/L	97
37) 1,2-Dichloropropane	7.434	63	93515	9.970	ug/L	97
38) Bromodichloromethane	7.830	83	112962	9.896	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	133276	10.398	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	603059	128.292	ug/L	91
42) Toluene	8.720	91	414067	10.401	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	115556	10.882	ug/L	99

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

45) 1,1,2-Trichloroethane	9.159	97	65605	9.929	ug/L	98
47) Tetrachloroethene	9.275	164	82676	10.286	ug/L	97
48) 2-Hexanone	9.433	43	434943	134.362	ug/L #	90
49) Dibromochloromethane	9.525	129	74531	10.526	ug/L	100
50) 1,2-Dibromoethane	9.616	107	62674	10.613	ug/L	99
51) Chlorobenzene	10.086	112	264477	10.483	ug/L	97
52) Ethylbenzene	10.195	91	450915	10.807	ug/L	100
53) m,p-xylene	10.305	106	181165	11.322	ug/L	97
54) o-xylene	10.646	106	174164	11.389	ug/L	99
55) Styrene	10.659	104	294471	11.550	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	77594	10.582	ug/L	100
59) Bromoform	10.805	173	39172	9.773	ug/L #	98
60) Isopropylbenzene	10.963	105	460264	10.902	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	57961	10.126	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	398308	11.623	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	407252	11.864	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	216179	10.659	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	214201	10.508	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	197297	10.455	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	11993	9.935	ug/L	87
69) 1,3,5-Trichlorobenzene	13.116	180	161755	10.467	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	135400	11.083	ug/L	97
71) Naphthalene	13.780	128	249404	12.299	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	124693	11.015	ug/L	98

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

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