

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082121\
 Data File : VX023868.D
 Acq On : 20 Aug 2021 09:31
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005684

Quant Time: Aug 21 04:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 11:43:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	128331	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	121744	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63080	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22418	4.471	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.672	69	29283	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.306	63	73051	4.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.458	46	94544	46.498	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.000%
24) Chloroform-d	5.062	84	86579	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.958	65	43222	4.634	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.976	84	162871	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	7.312	67	50182	4.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	8.653	98	155711	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.952	79	14307	4.869	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	9.384	63	75540	46.621	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.240%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	35585	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	57239	4.832	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66917	5.335	ug/L	100
3) Chloromethane	1.294	50	53786	5.235	ug/L	99
5) Vinyl chloride	1.374	62	56653	5.372	ug/L	96
6) Bromomethane	1.611	94	33902	5.111	ug/L	98
8) Chloroethane	1.691	64	32464	5.076	ug/L	95
9) Trichlorofluoromethane	1.892	101	85666	5.232	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	49215	5.497	ug/L	98
12) 1,1-Dichloroethene	2.319	96	44000	5.188	ug/L	92
13) Acetone	2.386	43	63188	49.906	ug/L	90
14) Carbon disulfide	2.514	76	125061	5.489	ug/L	99
15) Methyl Acetate	2.709	43	16646	4.953	ug/L	92
16) Methylene chloride	2.794	84	48110	4.287	ug/L	92
17) Methyl tert-butyl Ether	3.117	73	97352	5.149	ug/L	# 95
18) trans-1,2-Dichloroethene	3.093	96	46387	5.288	ug/L	93
19) 1,1-Dichloroethane	3.611	63	84402	5.375	ug/L	96
21) 2-Butanone	4.562	43	105118	49.643	ug/L	92
22) cis-1,2-Dichloroethene	4.489	96	49609	5.270	ug/L	89
23) Bromochloromethane	4.903	128	21457	5.302	ug/L	96
25) Chloroform	5.099	83	88752	5.272	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	54982	5.326	ug/L	96
29) 1,1,1-Trichloroethane	5.385	97	78231	5.322	ug/L	98
30) Cyclohexane	5.477	56	77505	5.266	ug/L	97
31) Carbon tetrachloride	5.684	117	68955	5.459	ug/L	100
33) Benzene	6.044	78	191354	5.276	ug/L	100
34) Trichloroethene	7.129	95	51456	5.167	ug/L	97
35) Methylcyclohexane	7.385	83	83378	5.423	ug/L	95
37) 1,2-Dichloropropane	7.434	63	46793	5.178	ug/L	98
38) Bromodichloromethane	7.824	83	55353	5.207	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	65221	5.315	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	260461	49.679	ug/L	91
42) Toluene	8.720	91	211947	5.407	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	53689	5.287	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	31420	5.086	ug/L	96
47) Tetrachloroethene	9.275	164	41949	5.244	ug/L	93
48) 2-Hexanone	9.433	43	186805	49.664	ug/L #	90
49) Dibromochloromethane	9.525	129	35163	5.316	ug/L	97
50) 1,2-Dibromoethane	9.610	107	27911	4.884	ug/L	98
51) Chlorobenzene	10.079	112	132931	5.221	ug/L	99
52) Ethylbenzene	10.195	91	226545	5.385	ug/L	100
53) m,p-xylene	10.305	106	90648	5.438	ug/L	100
54) o-xylene	10.646	106	86144	5.392	ug/L	98
55) Styrene	10.659	104	142869	5.373	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	35752	5.112	ug/L	98
59) Bromoform	10.805	173	17139	5.163	ug/L #	97
60) Isopropylbenzene	10.963	105	233241	5.518	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	26819	5.218	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	194313	5.594	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	199268	5.626	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	108984	5.489	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	106831	5.362	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	98248	5.387	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	4996	4.922	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	80391	5.411	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	65161	5.502	ug/L	98
71) Naphthalene	13.780	128	106566	5.330	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	58374	5.367	ug/L	98

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

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