

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102321\
 Data File : VX024911.D
 Acq On : 23 Oct 2021 21:22
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005688

Quant Time: Oct 25 02:36:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 02:31:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	79435	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	73528	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	35894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	10934	4.689	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.672	69	11134	5.299	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.000%
11) 1,1-Dichloroethene-d2	2.312	63	43700	5.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.495	46	50734	59.504	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.000%
24) Chloroform-d	5.068	84	58646	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.964	65	30112	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.983	84	88346	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	7.312	67	27540	5.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	8.653	98	86585	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.951	79	11577	4.615	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	9.390	63	50191	55.588	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.180%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	21915	5.246	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	29918	4.946	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42811	4.694	ug/L	94
3) Chloromethane	1.288	50	14590	4.581	ug/L	94
5) Vinyl chloride	1.374	62	19836	5.098	ug/L	92
6) Bromomethane	1.617	94	10725	3.533	ug/L	92
8) Chloroethane	1.691	64	11659	4.991	ug/L	93
9) Trichlorofluoromethane	1.892	101	58670	5.063	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	29383	4.835	ug/L	96
12) 1,1-Dichloroethene	2.319	96	25029	5.136	ug/L #	79
13) Acetone	2.416	43	31663	49.509	ug/L	97
14) Carbon disulfide	2.514	76	67478	5.077	ug/L	98
15) Methyl Acetate	2.721	43	7609	5.233	ug/L	93
16) Methylene chloride	2.794	84	26151	4.619	ug/L	90
17) Methyl tert-butyl Ether	3.117	73	71444	5.101	ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	27937	4.917	ug/L	89
19) 1,1-Dichloroethane	3.617	63	52856	5.323	ug/L	96
21) 2-Butanone	4.580	43	51257	54.492	ug/L	90
22) cis-1,2-Dichloroethene	4.501	96	28670	4.709	ug/L	91
23) Bromochloromethane	4.916	128	12261	4.457	ug/L	90
25) Chloroform	5.105	83	65169	5.048	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	38087	4.814	ug/L	98
29) 1,1,1-Trichloroethane	5.391	97	61926	4.851	ug/L	95
30) Cyclohexane	5.476	56	41820	5.278	ug/L	95
31) Carbon tetrachloride	5.690	117	53976	4.915	ug/L	98
33) Benzene	6.050	78	111609	5.195	ug/L	100
34) Trichloroethene	7.135	95	34393	4.916	ug/L	96
35) Methylcyclohexane	7.391	83	49254	5.036	ug/L	99
37) 1,2-Dichloropropane	7.440	63	26620	5.069	ug/L	98
38) Bromodichloromethane	7.830	83	44067	5.039	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	42335	4.782	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	124870	53.380	ug/L	97
42) Toluene	8.720	91	124317	4.948	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	38438	4.793	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	20248	4.793	ug/L	96
47) Tetrachloroethene	9.275	164	21122	4.322	ug/L	95
48) 2-Hexanone	9.433	43	91397	53.514	ug/L	95
49) Dibromochloromethane	9.525	129	25376	4.598	ug/L	99
50) 1,2-Dibromoethane	9.616	107	20223	4.779	ug/L #	97
51) Chlorobenzene	10.079	112	78596	4.927	ug/L	98
52) Ethylbenzene	10.195	91	148165	4.997	ug/L	99
53) m,p-xylene	10.305	106	51344	4.882	ug/L	96
54) o-xylene	10.646	106	49495	4.827	ug/L	96
55) Styrene	10.659	104	84394	4.904	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	24288	4.982	ug/L	88
59) Bromoform	10.805	173	12540	5.038	ug/L	97
60) Isopropylbenzene	10.963	105	144520	5.054	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	18371	5.245	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	127912	5.124	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	129861	5.079	ug/L	98
64) 1,3-Dichlorobenzene	11.975	146	58695	4.935	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	60591	5.081	ug/L	95
67) 1,2-Dichlorobenzene	12.341	146	52631	4.814	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	4492	5.268	ug/L	91
69) 1,3,5-Trichlorobenzene	13.115	180	43034	4.752	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	36587	5.108	ug/L	97
71) Naphthalene	13.780	128	66268	5.136	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	32341	5.021	ug/L	95

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

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