

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023053.D
 Acq On : 27 Oct 2021 11:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

Quant Time: Oct 28 01:33:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	115093	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64304	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48346	4.807	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.568	69	36615	5.886	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	117.800%	
11) 1,1-Dichloroethene-d2	2.105	63	77924	5.371	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	107.400%	
20) 2-Butanone-d5	3.908	46	63984	39.660	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.320%	
24) Chloroform-d	4.349	84	78955	4.829	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.031	65	40095	5.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.047	84	167120	4.979	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
36) 1,2-Dichloropropane-d6	6.066	67	48646	4.708	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.313	98	163594	5.426	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.600%	
43) trans-1,3-Dichloroprop...	7.622	79	19818	5.474	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	109.400%	
46) 2-Hexanone-d5	8.091	63	70703	52.747	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.500%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35642	4.995	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	63136	5.503	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42728	5.852	ug/L	100
3) Chloromethane	1.240	50	47465	6.014	ug/L	97
5) Vinyl chloride	1.310	62	49842	6.115	ug/L	99
6) Bromomethane	1.519	94	27438	6.663	ug/L	98
8) Chloroethane	1.584	64	25275	5.930	ug/L	96
9) Trichlorofluoromethane	1.751	101	63830	5.802	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	40440	6.447	ug/L	99
12) 1,1-Dichloroethene	2.114	96	35726	6.063	ug/L	97
13) Acetone	2.195	43	40871	51.636	ug/L	94
14) Carbon disulfide	2.288	76	81627	5.087	ug/L	99
15) Methyl Acetate	2.436	43	10573	3.511	ug/L #	86
16) Methylene chloride	2.500	84	31798	4.913	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	73954	5.257	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	34749	5.524	ug/L	98
19) 1,1-Dichloroethane	3.185	63	64787	5.605	ug/L	98
21) 2-Butanone	3.995	43	48155	31.077	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	38145	5.348	ug/L #	87
23) Bromochloromethane	4.246	128	17405	5.376	ug/L #	79
25) Chloroform	4.371	83	79464	5.203	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	39716	4.931	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	66719	5.135	ug/L	98
30) Cyclohexane	4.670	56	51818	4.568	ug/L	95
31) Carbon tetrachloride	4.822	117	59116	5.288	ug/L	98
33) Benzene	5.095	78	152131	4.917	ug/L	100
34) Trichloroethene	5.912	95	41487	5.338	ug/L	98
35) Methylcyclohexane	6.127	83	58434	5.250	ug/L	95
37) 1,2-Dichloropropane	6.172	63	36906	4.732	ug/L	99
38) Bromodichloromethane	6.510	83	49423	5.138	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	51169	5.269	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	183214	49.904	ug/L	100
42) Toluene	7.387	91	169522	5.407	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	45812	5.703	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	26990	4.947	ug/L	97
47) Tetrachloroethene	7.976	164	35427	5.395	ug/L	98
48) 2-Hexanone	8.143	43	140698	51.626	ug/L	98
49) Dibromochloromethane	8.246	129	34333	5.289	ug/L	99
50) 1,2-Dibromoethane	8.352	107	25101	5.110	ug/L	99
51) Chlorobenzene	8.879	112	109552	5.319	ug/L	99
52) Ethylbenzene	9.011	91	172687	5.549	ug/L	98
53) m,p-xylene	9.136	106	69302	5.553	ug/L	95
54) o-xylene	9.545	106	66008	5.618	ug/L	97
55) Styrene	9.561	104	113474	5.593	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	28328	4.645	ug/L	96
59) Bromoform	9.731	173	19145	5.109	ug/L #	98
60) Isopropylbenzene	9.931	105	178056	5.475	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21383	4.724	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	142169	5.442	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	150217	5.762	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	92901	5.429	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	91598	5.269	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	84015	5.274	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4050	4.535	ug/L	81
69) 1,3,5-Trichlorobenzene	12.644	180	71725	5.503	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	56187	5.761	ug/L	98
71) Naphthalene	13.503	128	79775	5.380	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	49982	5.521	ug/L	100

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

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