

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023957.D
 Acq On : 14 Dec 2021 10:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005392

Quant Time: Dec 15 01:37:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	103367	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	112200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29193	5.253	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.000%		
7) Chloroethane-d5	1.568	69	24263	5.233	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.600%		
11) 1,1-Dichloroethene-d2	2.111	63	62063	5.722	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 114.400%		
20) 2-Butanone-d5	3.899	46	35619	32.809	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 65.620%		
24) Chloroform-d	4.346	84	63075	5.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.200%		
26) 1,2-Dichloroethane-d4	5.031	65	28352	4.838	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.800%		
32) Benzene-d6	5.047	84	112146	5.046	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.000%		
36) 1,2-Dichloropropane-d6	6.066	67	30935	4.614	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 92.200%		
41) Toluene-d8	7.314	98	116563	5.826	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.600%		
43) trans-1,3-Dichloroprop...	7.622	79	13718	4.932	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.600%		
46) 2-Hexanone-d5	8.088	63	45830	36.807	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 73.620%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23390	4.205	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 84.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	43107	4.663	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 93.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	50809	5.647	ug/L	98
3) Chloromethane	1.240	50	40378	5.253	ug/L	98
5) Vinyl chloride	1.311	62	44538	5.342	ug/L	100
6) Bromomethane	1.523	94	27406	5.173	ug/L	97
8) Chloroethane	1.584	64	28527	5.258	ug/L	95
9) Trichlorofluoromethane	1.754	101	83310	5.751	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	43577	5.711	ug/L	99
12) 1,1-Dichloroethene	2.118	96	38678	5.577	ug/L	98
13) Acetone	2.192	43	42104	48.475	ug/L	82
14) Carbon disulfide	2.294	76	103073	5.124	ug/L	100
15) Methyl Acetate	2.436	43	8155	3.874	ug/L #	84
16) Methylene chloride	2.507	84	45565	5.022	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	81612	5.204	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	41405	5.393	ug/L	99
19) 1,1-Dichloroethane	3.188	63	73587	5.341	ug/L	100
21) 2-Butanone	3.982	43	64086	51.640	ug/L	98
22) cis-1,2-Dichloroethene	3.909	96	42582	5.240	ug/L	92
23) Bromochloromethane	4.243	128	20967	5.678	ug/L	89
25) Chloroform	4.368	83	84148	5.494	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	45958	5.538	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	79807	5.437	ug/L	100
30) Cyclohexane	4.674	56	55096	4.732	ug/L	100
31) Carbon tetrachloride	4.825	117	73816	5.350	ug/L	99
33) Benzene	5.095	78	167420	5.275	ug/L	100
34) Trichloroethene	5.908	95	45541	5.087	ug/L	97
35) Methylcyclohexane	6.127	83	64236	4.875	ug/L	99
37) 1,2-Dichloropropane	6.169	63	39579	5.246	ug/L	100
38) Bromodichloromethane	6.506	83	57984	5.426	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	54286	4.847	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	200983	55.459	ug/L	99
42) Toluene	7.384	91	192459	5.388	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	48188	4.978	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	29602	5.304	ug/L	99
47) Tetrachloroethene	7.973	164	41773	5.300	ug/L	97
48) 2-Hexanone	8.140	43	153244	58.319	ug/L	99
49) Dibromochloromethane	8.243	129	41562	5.473	ug/L	99
50) 1,2-Dibromoethane	8.349	107	27240	5.257	ug/L	91
51) Chlorobenzene	8.879	112	123434	5.170	ug/L	98
52) Ethylbenzene	9.011	91	196393	5.211	ug/L	98
53) m,p-xylene	9.137	106	78964	5.298	ug/L	96
54) o-xylene	9.542	106	75809	5.259	ug/L	98
55) Styrene	9.558	104	135711	5.655	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	31949	5.228	ug/L	97
59) Bromoform	9.731	173	23004	5.179	ug/L	99
60) Isopropylbenzene	9.931	105	207999	5.118	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	23807	5.049	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	167515	4.969	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	172101	5.124	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	109416	5.265	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	108393	5.193	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	99399	5.220	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5211	5.060	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	85099	4.978	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	62575	4.661	ug/L	97
71) Naphthalene	13.500	128	85554	4.434	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57511	4.852	ug/L	99

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

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