

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023549.D
 Acq On : 16 Nov 2021 21:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005358

Quant Time: Nov 17 00:56:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127046	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69825	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37212	4.676	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.568	69	30256	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.111	63	71231	4.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.908	46	74256	54.155	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.300%
24) Chloroform-d	4.349	84	69784	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.034	65	37044	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.053	84	146013	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.069	67	42409	4.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.317	98	142234	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.625	79	16633	4.683	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.092	63	56119	42.947	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30002	4.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	53141	4.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	54253	4.379	ug/L	99
3) Chloromethane	1.240	50	49711	4.720	ug/L	96
5) Vinyl chloride	1.311	62	49071	4.665	ug/L	99
6) Bromomethane	1.523	94	30299	4.506	ug/L	99
8) Chloroethane	1.587	64	30022	4.946	ug/L	99
9) Trichlorofluoromethane	1.754	101	78466	4.964	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	39651	4.983	ug/L	98
12) 1,1-Dichloroethene	2.121	96	36799	4.857	ug/L	85
13) Acetone	2.201	43	49050	58.544	ug/L	97
14) Carbon disulfide	2.294	76	120173	4.203	ug/L	100
15) Methyl Acetate	2.439	43	12993	5.479	ug/L	91
16) Methylene chloride	2.507	84	45360	4.103	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	82512	4.948	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	42378	4.550	ug/L	97
19) 1,1-Dichloroethane	3.191	63	75018	4.771	ug/L	96
21) 2-Butanone	3.989	43	67454	49.797	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	43203	4.820	ug/L	# 89
23) Bromochloromethane	4.249	128	19942	4.825	ug/L	# 85
25) Chloroform	4.378	83	88937	5.306	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43690	4.901	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	72765	4.831	ug/L	99
30) Cyclohexane	4.680	56	59932	4.441	ug/L	96
31) Carbon tetrachloride	4.828	117	66032	4.882	ug/L	97
33) Benzene	5.101	78	170291	4.913	ug/L	100
34) Trichloroethene	5.915	95	43935	4.767	ug/L	98
35) Methylcyclohexane	6.133	83	64336	4.422	ug/L	97
37) 1,2-Dichloropropane	6.175	63	40496	5.005	ug/L	98
38) Bromodichloromethane	6.510	83	53052	4.892	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	54068	4.646	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	199155	53.068	ug/L	97
42) Toluene	7.387	91	186109	5.020	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	46681	4.834	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	28788	4.952	ug/L	99
47) Tetrachloroethene	7.976	164	38628	4.836	ug/L	95
48) 2-Hexanone	8.143	43	147215	55.983	ug/L	98
49) Dibromochloromethane	8.246	129	36691	4.981	ug/L	99
50) 1,2-Dibromoethane	8.352	107	26209	4.864	ug/L	100
51) Chlorobenzene	8.883	112	117945	4.786	ug/L	99
52) Ethylbenzene	9.011	91	187868	4.805	ug/L	99
53) m,p-xylene	9.140	106	75585	4.926	ug/L	96
54) o-xylene	9.545	106	72905	5.064	ug/L	98
55) Styrene	9.561	104	125525	5.090	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	28478	4.471	ug/L #	94
59) Bromoform	9.731	173	20088	4.817	ug/L #	98
60) Isopropylbenzene	9.931	105	195093	4.869	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21853	4.711	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	158015	4.756	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	162193	4.905	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	99167	4.844	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	98261	4.700	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	88101	4.809	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4501	4.555	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	72028	4.493	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	54214	4.223	ug/L	100
71) Naphthalene	13.503	128	72408	3.825	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51032	4.544	ug/L	99

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

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