

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
 Data File : VW023150.D
 Acq On : 02 Nov 2021 15:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005331

Quant Time: Nov 02 22:43:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 22:38:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127425	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	128201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42675	3.833	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.568	69	35473	5.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.111	63	77069	4.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	3.902	46	89127	49.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.800%
24) Chloroform-d	4.352	84	91486	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.037	65	42369	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.053	84	173610	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.072	67	50357	4.370	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.317	98	168621	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.625	79	20621	5.108	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.091	63	75523	50.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36878	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	62596	4.873	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	34931	4.321	ug/L	99
3) Chloromethane	1.240	50	34893	3.994	ug/L	94
5) Vinyl chloride	1.310	62	37894	4.199	ug/L	99
6) Bromomethane	1.523	94	25170	5.520	ug/L	98
8) Chloroethane	1.584	64	24736	5.242	ug/L	96
9) Trichlorofluoromethane	1.754	101	63757	5.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	35607	5.127	ug/L	97
12) 1,1-Dichloroethene	2.117	96	32229	4.940	ug/L	89
13) Acetone	2.191	43	52804	60.256	ug/L	88
14) Carbon disulfide	2.294	76	93901	5.285	ug/L	100
15) Methyl Acetate	2.445	43	14226	4.267	ug/L	92
16) Methylene chloride	2.510	84	46916	6.548	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	78735	5.055	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	39382	5.654	ug/L	96
19) 1,1-Dichloroethane	3.191	63	73148	5.716	ug/L	97
21) 2-Butanone	3.986	43	78128	45.540	ug/L #	70
22) cis-1,2-Dichloroethene	3.915	96	41562	5.263	ug/L #	93
23) Bromochloromethane	4.252	128	19041	5.312	ug/L	86
25) Chloroform	4.378	83	78160	4.622	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42530	4.769	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	70944	4.897	ug/L	99
30) Cyclohexane	4.680	56	53587	4.237	ug/L	98
31) Carbon tetrachloride	4.831	117	62789	5.037	ug/L	99
33) Benzene	5.101	78	161349	4.677	ug/L	100
34) Trichloroethene	5.918	95	40980	4.728	ug/L	99
35) Methylcyclohexane	6.133	83	58760	4.735	ug/L	96
37) 1,2-Dichloropropane	6.175	63	39583	4.552	ug/L	98
38) Bromodichloromethane	6.513	83	51598	4.810	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	53741	4.963	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	197625	48.275	ug/L	97
42) Toluene	7.391	91	178930	5.118	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	46870	5.232	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	28514	4.687	ug/L	99
47) Tetrachloroethene	7.976	164	35047	4.786	ug/L	99
48) 2-Hexanone	8.143	43	146262	48.131	ug/L	99
49) Dibromochloromethane	8.249	129	36556	5.050	ug/L	99
50) 1,2-Dibromoethane	8.355	107	26067	4.760	ug/L	95
51) Chlorobenzene	8.882	112	114190	4.972	ug/L	99
52) Ethylbenzene	9.014	91	178170	5.134	ug/L	100
53) m,p-xylene	9.140	106	71935	5.169	ug/L	98
54) o-xylene	9.545	106	67599	5.160	ug/L	99
55) Styrene	9.561	104	121310	5.362	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	32371	4.761	ug/L	98
59) Bromoform	9.735	173	19751	4.708	ug/L	99
60) Isopropylbenzene	9.934	105	185056	5.082	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22843	4.507	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	147347	5.038	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	153290	5.251	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	97449	5.086	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	96370	4.951	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	87400	4.900	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4822	4.822	ug/L	83
69) 1,3,5-Trichlorobenzene	12.648	180	73667	5.048	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	57927	5.305	ug/L	98
71) Naphthalene	13.503	128	84799	5.108	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	51976	5.127	ug/L	98

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

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