

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110821\
 Data File : VW023291.D
 Acq On : 08 Nov 2021 20:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

Quant Time: Nov 09 05:18:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 05:13:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126719	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33635	4.237	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.565	69	30023	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.108	63	68762	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.889	46	94123	68.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.640%#
24) Chloroform-d	4.349	84	83958	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.037	65	38129	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.053	84	157704	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.069	67	47485	5.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.317	98	145157	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.625	79	17725	4.948	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.088	63	73047	55.421	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36024	5.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	55856	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	63429	5.133	ug/L	98
3) Chloromethane	1.240	50	57038	5.429	ug/L	98
5) Vinyl chloride	1.307	62	56946	5.427	ug/L	98
6) Bromomethane	1.520	94	30736	4.583	ug/L	100
8) Chloroethane	1.584	64	33022	5.454	ug/L	99
9) Trichlorofluoromethane	1.751	101	83212	5.278	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	42068	5.301	ug/L	98
12) 1,1-Dichloroethene	2.118	96	40723	5.389	ug/L	86
13) Acetone	2.179	43	55994	67.004	ug/L	89
14) Carbon disulfide	2.294	76	144436	5.065	ug/L	99
15) Methyl Acetate	2.439	43	15924	6.733	ug/L	94
16) Methylene chloride	2.507	84	52963	4.803	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	86585	5.205	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	48382	5.208	ug/L	98
19) 1,1-Dichloroethane	3.188	63	83692	5.336	ug/L	98
21) 2-Butanone	3.976	43	90332	66.859	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	49295	5.514	ug/L #	88
23) Bromochloromethane	4.249	128	22760	5.521	ug/L #	81
25) Chloroform	4.375	83	89478	5.352	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	49342	5.549	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	80633	5.308	ug/L	100
30) Cyclohexane	4.680	56	70922	5.210	ug/L	98
31) Carbon tetrachloride	4.828	117	73798	5.409	ug/L	96
33) Benzene	5.101	78	191264	5.471	ug/L	100
34) Trichloroethene	5.915	95	49426	5.316	ug/L	99
35) Methylcyclohexane	6.133	83	73436	5.004	ug/L	96
37) 1,2-Dichloropropane	6.175	63	46816	5.736	ug/L	97
38) Bromodichloromethane	6.513	83	59190	5.412	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	60364	5.142	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	223420	59.022	ug/L	99
42) Toluene	7.387	91	209635	5.606	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	51914	5.330	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	30963	5.280	ug/L	95
47) Tetrachloroethene	7.976	164	42819	5.314	ug/L	98
48) 2-Hexanone	8.140	43	161877	61.029	ug/L	98
49) Dibromochloromethane	8.246	129	40009	5.384	ug/L	100
50) 1,2-Dibromoethane	8.355	107	29824	5.488	ug/L #	99
51) Chlorobenzene	8.883	112	134141	5.397	ug/L	100
52) Ethylbenzene	9.014	91	210848	5.346	ug/L	99
53) m,p-xylene	9.140	106	85791	5.543	ug/L	97
54) o-xylene	9.545	106	78493	5.406	ug/L	96
55) Styrene	9.561	104	142087	5.712	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	34440	5.360	ug/L	94
59) Bromoform	9.731	173	21712	5.097	ug/L	99
60) Isopropylbenzene	9.934	105	215562	5.268	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25092	5.297	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	173384	5.110	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	178174	5.276	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	109672	5.245	ug/L	95
65) 1,4-Dichlorobenzene	11.272	146	110845	5.191	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	96864	5.177	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.432	75	5328	5.279	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	81991	5.008	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	64410	4.913	ug/L	97
71) Naphthalene	13.503	128	91129	4.714	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	58669	5.115	ug/L	99

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

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