

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023025.D
 Acq On : 23 Oct 2021 21:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005323

Quant Time: Oct 25 01:11:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	141696	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	141695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50416	4.072	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.568	69	38760	5.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.108	63	68535	3.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.902	46	124122	62.492	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.980%
24) Chloroform-d	4.352	84	102405	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.034	65	47015	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.053	84	205073	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.072	67	62971	4.945	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.316	98	193309	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.625	79	22355	5.010	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.091	63	95525	57.826	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47913	5.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	68767	5.073	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	38584	4.292	ug/L	99
3) Chloromethane	1.240	50	47198	4.858	ug/L	97
5) Vinyl chloride	1.310	62	45881	4.572	ug/L	97
6) Bromomethane	1.519	94	21967	4.333	ug/L	96
8) Chloroethane	1.584	64	27029	5.151	ug/L	99
9) Trichlorofluoromethane	1.751	101	58703	4.334	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	29468	3.816	ug/L	96
12) 1,1-Dichloroethene	2.117	96	29355	4.046	ug/L	99
13) Acetone	2.191	43	52770	54.153	ug/L	86
14) Carbon disulfide	2.294	76	95589	4.838	ug/L	99
15) Methyl Acetate	2.445	43	16184	4.366	ug/L	91
16) Methylene chloride	2.506	84	51324	6.441	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	94985	5.484	ug/L	94
18) trans-1,2-Dichloroethene	2.760	96	45421	5.864	ug/L	97
19) 1,1-Dichloroethane	3.191	63	86026	6.045	ug/L	98
21) 2-Butanone	3.985	43	102686	53.827	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	46914	5.343	ug/L #	92
23) Bromochloromethane	4.256	128	22546	5.656	ug/L #	79
25) Chloroform	4.378	83	90981	4.839	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	47209	4.761	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	73674	4.601	ug/L	99
30) Cyclohexane	4.677	56	55375	3.961	ug/L	97
31) Carbon tetrachloride	4.831	117	63008	4.573	ug/L	98
33) Benzene	5.101	78	185248	4.858	ug/L	100
34) Trichloroethene	5.918	95	45928	4.795	ug/L	98
35) Methylcyclohexane	6.133	83	58620	4.274	ug/L	98
37) 1,2-Dichloropropane	6.175	63	45706	4.756	ug/L	98
38) Bromodichloromethane	6.513	83	58452	4.930	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	58470	4.886	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	260821	57.645	ug/L	99
42) Toluene	7.390	91	202469	5.240	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	50233	5.074	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	33852	5.035	ug/L	98
47) Tetrachloroethene	7.979	164	38577	4.767	ug/L	97
48) 2-Hexanone	8.143	43	192898	57.432	ug/L	99
49) Dibromochloromethane	8.249	129	39564	4.945	ug/L	100
50) 1,2-Dibromoethane	8.355	107	31040	5.128	ug/L	99
51) Chlorobenzene	8.882	112	125933	4.961	ug/L	99
52) Ethylbenzene	9.014	91	193604	5.048	ug/L	98
53) m,p-xylene	9.140	106	75756	4.925	ug/L	95
54) o-xylene	9.545	106	72686	5.020	ug/L	99
55) Styrene	9.561	104	130843	5.233	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	39598	5.269	ug/L	99
59) Bromoform	9.734	173	21528	4.862	ug/L	99
60) Isopropylbenzene	9.934	105	192842	5.018	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	27801	5.198	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	146901	4.759	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	156755	5.088	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	101923	5.040	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	101073	4.920	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	97878	5.200	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	5476	5.190	ug/L	92
69) 1,3,5-Trichlorobenzene	12.647	180	74315	4.826	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	57858	5.021	ug/L	99
71) Naphthalene	13.503	128	89943	5.134	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	54033	5.051	ug/L	98

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

