

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051722\
 Data File : VW025919.D
 Acq On : 17 May 2022 10:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

Quant Time: May 18 05:51:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	162366	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	170214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	91806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63560	4.740	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.568	69	58120	5.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.108	63	143474	4.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	3.902	46	83859	53.999	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.000%
24) Chloroform-d	4.342	84	115398	5.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.027	65	47466	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.043	84	222935	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.066	67	63294	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.310	98	209803	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.622	79	17638	4.197	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.088	63	71417	45.770	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.540%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41688	5.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	64778	4.956	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	81934	4.679	ug/L	98
3) Chloromethane	1.240	50	92855	4.540	ug/L	96
5) Vinyl chloride	1.310	62	99624	4.631	ug/L	100
6) Bromomethane	1.519	94	45669	3.647	ug/L	100
8) Chloroethane	1.584	64	64184	4.599	ug/L	99
9) Trichlorofluoromethane	1.751	101	134995	4.702	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	77248	4.801	ug/L	99
12) 1,1-Dichloroethene	2.114	96	74053	4.746	ug/L	84
13) Acetone	2.191	43	69770	46.600	ug/L	74
14) Carbon disulfide	2.291	76	177957	4.426	ug/L	99
15) Methyl Acetate	2.439	43	16212	4.753	ug/L	98
16) Methylene chloride	2.503	84	66294	4.185	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	109437	4.395	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	63258	4.649	ug/L	98
19) 1,1-Dichloroethane	3.185	63	120909	4.693	ug/L	99
21) 2-Butanone	3.985	43	106096	49.346	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	63512	4.569	ug/L	99
23) Bromochloromethane	4.243	128	28600	4.864	ug/L	92
25) Chloroform	4.371	83	125111	4.791	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051722\
 Data File : VW025919.D
 Acq On : 17 May 2022 10:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

Quant Time: May 18 05:51:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	63041	4.580	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	108870	4.690	ug/L	99
30) Cyclohexane	4.670	56	86058	4.163	ug/L	100
31) Carbon tetrachloride	4.821	117	90578	4.610	ug/L	98
33) Benzene	5.095	78	266580	4.624	ug/L	100
34) Trichloroethene	5.908	95	66018	4.484	ug/L	98
35) Methylcyclohexane	6.127	83	100537	4.448	ug/L	97
37) 1,2-Dichloropropane	6.169	63	64455	4.740	ug/L	99
38) Bromodichloromethane	6.506	83	77506	4.535	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	67769	3.861	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	276792	44.005	ug/L	99
42) Toluene	7.384	91	282710	4.711	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	56275	3.930	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	43110	4.618	ug/L	91
47) Tetrachloroethene	7.972	164	51584	4.522	ug/L	96
48) 2-Hexanone	8.136	43	202167	45.466	ug/L	99
49) Dibromochloromethane	8.243	129	45166	4.428	ug/L	94
50) 1,2-Dibromoethane	8.352	107	36784	4.433	ug/L #	97
51) Chlorobenzene	8.879	112	174166	4.474	ug/L	98
52) Ethylbenzene	9.008	91	279847	4.434	ug/L	99
53) m,p-Xylene	9.136	106	112006	4.595	ug/L	96
54) o-Xylene	9.542	106	103236	4.447	ug/L	96
55) Styrene	9.558	104	185663	4.760	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	46986	4.659	ug/L	97
59) Bromoform	9.728	173	18894	3.968	ug/L	97
60) Isopropylbenzene	9.931	105	280404	4.570	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	33350	4.363	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	113098	4.316	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	210831	4.388	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	135245	4.659	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	132942	4.498	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	117634	4.510	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6085	4.110	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	93846	4.340	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	67325	4.104	ug/L	98
71) Naphthalene	13.500	128	90046	3.666	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	57921	4.087	ug/L	99

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

