

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082522\
 Data File : VW027525.D
 Acq On : 26 Aug 2022 04:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005386

Quant Time: Aug 26 04:23:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	128022	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36539	4.010	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.200%	
7) Chloroethane-d5	1.568	69	39112	5.865	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	117.400%	
11) 1,1-Dichloroethene-d2	2.108	63	108378	5.101	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.000%	
20) 2-Butanone-d5	3.896	46	46194	40.739	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.480%	
24) Chloroform-d	4.349	84	86147	4.729	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.034	65	37824	4.799	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.050	84	152226	4.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.069	67	43191	4.252	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.000%	
41) Toluene-d8	7.313	98	146714	4.651	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
43) trans-1,3-Dichloroprop...	7.625	79	12977	3.731	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.600%	
46) 2-Hexanone-d5	8.091	63	52882	46.191	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.380%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29753	4.600	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	45457	4.480	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	62989	4.637	ug/L	99
3) Chloromethane	1.240	50	52964	4.465	ug/L	99
5) Vinyl chloride	1.310	62	58287	4.881	ug/L	95
6) Bromomethane	1.523	94	29494	4.995	ug/L	99
8) Chloroethane	1.584	64	46005	6.592	ug/L	94
9) Trichlorofluoromethane	1.751	101	108306	5.709	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	59436	5.550	ug/L	96
12) 1,1-Dichloroethene	2.117	96	55134	5.692	ug/L	99
13) Acetone	2.175	43	53744	49.631	ug/L	99
14) Carbon disulfide	2.294	76	122090	4.592	ug/L	99
15) Methyl Acetate	2.436	43	18385	6.131	ug/L	97
16) Methylene chloride	2.506	84	55552	3.804	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	98385	4.909	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	47439	4.754	ug/L	98
19) 1,1-Dichloroethane	3.188	63	98533	4.770	ug/L	98
21) 2-Butanone	3.982	43	62082	43.079	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	49644	4.668	ug/L	99
23) Bromochloromethane	4.249	128	22266	4.748	ug/L	85
25) Chloroform	4.375	83	106620	4.746	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	56121	4.917	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	95131	4.913	ug/L	99
30) Cyclohexane	4.674	56	63527	4.275	ug/L	95
31) Carbon tetrachloride	4.825	117	83400	4.953	ug/L	97
33) Benzene	5.098	78	208002	4.960	ug/L	100
34) Trichloroethene	5.912	95	50173	4.546	ug/L	96
35) Methylcyclohexane	6.130	83	70203	4.523	ug/L	94
37) 1,2-Dichloropropane	6.169	63	49879	4.461	ug/L	99
38) Bromodichloromethane	6.510	83	70107	4.945	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	53510	3.969	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	239268	47.896	ug/L	97
42) Toluene	7.384	91	223928	5.173	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	46869	4.112	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	35403	4.953	ug/L	92
47) Tetrachloroethene	7.973	164	40552	4.716	ug/L	96
48) 2-Hexanone	8.140	43	174060	48.354	ug/L	97
49) Dibromochloromethane	8.243	129	41833	4.759	ug/L	96
50) 1,2-Dibromoethane	8.352	107	30973	4.964	ug/L	97
51) Chlorobenzene	8.879	112	136527	4.873	ug/L	98
52) Ethylbenzene	9.011	91	216743	4.905	ug/L	99
53) m,p-Xylene	9.136	106	84830	5.017	ug/L	97
54) o-Xylene	9.542	106	83138	5.069	ug/L	98
55) Styrene	9.558	104	144865	5.192	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	39187	4.867	ug/L	96
59) Bromoform	9.728	173	18475	4.027	ug/L	99
60) Isopropylbenzene	9.931	105	224606	4.987	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	28940	4.820	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	61369	4.914	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	166231	4.725	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	108146	4.874	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	105223	4.757	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	99970	4.969	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5760	4.318	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	76633	4.627	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	56710	4.711	ug/L	99
71) Naphthalene	13.500	128	74991	4.513	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	51714	4.837	ug/L	99

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

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