

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027357.D
 Acq On : 13 Aug 2022 03:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005368

Quant Time: Aug 13 04:13:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	169629	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	162049	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83879	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49953	3.389	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.561	69	41728	3.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.105	63	85545	3.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.873	46	137096	54.929	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.860%
24) Chloroform-d	4.343	84	114364	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.027	65	54599	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.047	84	179553	3.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.066	67	62965	4.260	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.314	98	157179	3.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.622	79	18199	3.555	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.085	63	105884	53.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51725	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	58795	4.061	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	81731	4.055	ug/L	100
3) Chloromethane	1.237	50	86089	4.269	ug/L	99
5) Vinyl chloride	1.307	62	79753	4.241	ug/L	100
6) Bromomethane	1.513	94	36680	4.177	ug/L	94
8) Chloroethane	1.577	64	49729	4.756	ug/L	91
9) Trichlorofluoromethane	1.748	101	100415	3.999	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	47848	4.058	ug/L	98
12) 1,1-Dichloroethene	2.114	96	49788	4.076	ug/L	86
13) Acetone	2.159	43	93378	50.628	ug/L	99
14) Carbon disulfide	2.288	76	184594	3.774	ug/L	100
15) Methyl Acetate	2.426	43	24358	5.424	ug/L	94
16) Methylene chloride	2.500	84	74695	3.808	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	124598	4.370	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	62118	4.134	ug/L	99
19) 1,1-Dichloroethane	3.185	63	129205	4.492	ug/L	98
21) 2-Butanone	3.954	43	134324	53.487	ug/L	99
22) cis-1,2-Dichloroethene	3.909	96	66991	4.534	ug/L	98
23) Bromochloromethane	4.246	128	29327	4.247	ug/L	98
25) Chloroform	4.368	83	129639	4.386	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	80245	4.751	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	109799	4.815	ug/L	99
30) Cyclohexane	4.674	56	72730	3.937	ug/L	98
31) Carbon tetrachloride	4.822	117	83979	4.231	ug/L	98
33) Benzene	5.095	78	261649	4.724	ug/L	100
34) Trichloroethene	5.912	95	62684	4.547	ug/L	98
35) Methylcyclohexane	6.127	83	77702	4.094	ug/L	98
37) 1,2-Dichloropropane	6.169	63	70973	5.184	ug/L	99
38) Bromodichloromethane	6.506	83	87283	4.947	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	70218	4.196	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	360008	50.955	ug/L	98
42) Toluene	7.384	91	273243	4.945	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	57430	3.923	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	47163	4.832	ug/L	100
47) Tetrachloroethene	7.976	164	46897	4.332	ug/L	96
48) 2-Hexanone	8.137	43	265607	52.388	ug/L	98
49) Dibromochloromethane	8.243	129	50320	4.404	ug/L	98
50) 1,2-Dibromoethane	8.352	107	42959	4.951	ug/L	98
51) Chlorobenzene	8.879	112	168071	4.669	ug/L	99
52) Ethylbenzene	9.011	91	248898	4.483	ug/L	99
53) m,p-Xylene	9.137	106	97100	4.585	ug/L	99
54) o-Xylene	9.542	106	95704	4.621	ug/L	97
55) Styrene	9.558	104	173437	4.870	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	56337	5.178	ug/L	98
59) Bromoform	9.731	173	20475	3.620	ug/L	99
60) Isopropylbenzene	9.931	105	236543	4.478	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	39269	4.861	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	62071	4.251	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	180510	4.312	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	124770	4.726	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	124107	4.672	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	118009	4.800	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7479	4.432	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	84743	4.452	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	63820	4.486	ug/L	96
71) Naphthalene	13.500	128	93929	4.273	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59759	4.507	ug/L	98

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

