

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028650.D
 Acq On : 21 Oct 2022 10:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005331

Quant Time: Oct 21 22:55:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.600	114	215913	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	145549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	73440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	102732	4.806	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.558	69	81866	4.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.098	63	181701	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	3.950	46	204081	50.724	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.440%
24) Chloroform-d	4.330	84	158855	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.021	65	83976	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.031	84	323669	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.056	67	106829	5.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.301	98	230878	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.612	79	20949	4.346	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.104	63	98627	49.276	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.560%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	48287	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	63904	4.841	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	49425	4.713	ug/L	97
3) Chloromethane	1.233	50	89443	4.269	ug/L	99
5) Vinyl chloride	1.301	62	90587	4.476	ug/L	97
6) Bromomethane	1.513	94	42660	4.339	ug/L	98
8) Chloroethane	1.577	64	59315	4.356	ug/L	92
9) Trichlorofluoromethane	1.741	101	115362	4.658	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	70672	4.768	ug/L	99
12) 1,1-Dichloroethene	2.105	96	64572	4.632	ug/L	97
13) Acetone	2.243	43	106696	41.369	ug/L	89
14) Carbon disulfide	2.281	76	144600	4.330	ug/L	99
15) Methyl Acetate	2.445	43	33851	4.412	ug/L	96
16) Methylene chloride	2.494	84	79682	3.968	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	179501	4.710	ug/L	99
18) trans-1,2-Dichloroethene	2.741	96	70312	4.631	ug/L	98
19) 1,1-Dichloroethane	3.172	63	166560	4.699	ug/L	99
21) 2-Butanone	4.031	43	209646	45.995	ug/L	99
22) cis-1,2-Dichloroethene	3.892	96	80489	4.610	ug/L	94
23) Bromochloromethane	4.230	128	28820	4.512	ug/L	99
25) Chloroform	4.359	83	156115	4.642	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	97799	4.648	ug/L	98
29) 1,1,1-Trichloroethane	4.584	97	122198	4.873	ug/L	99
30) Cyclohexane	4.645	56	138783	5.051	ug/L	98
31) Carbon tetrachloride	4.799	117	92144	4.975	ug/L	99
33) Benzene	5.079	78	329699	4.829	ug/L	100
34) Trichloroethene	5.892	95	75496	4.791	ug/L	94
35) Methylcyclohexane	6.104	83	122306	4.945	ug/L	98
37) 1,2-Dichloropropane	6.162	63	90268	4.939	ug/L	99
38) Bromodichloromethane	6.497	83	95009	5.413	ug/L	96
39) cis-1,3-Dichloropropene	7.018	75	102706	5.427	ug/L	99
40) 4-Methyl-2-pentanone	7.246	43	490314	55.403	ug/L	98
42) Toluene	7.374	91	261145	4.618	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	55737	4.167	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	39186	4.549	ug/L	97
47) Tetrachloroethene	7.960	164	38557	4.531	ug/L	96
48) 2-Hexanone	8.156	43	257223	46.401	ug/L	99
49) Dibromochloromethane	8.239	129	35725	4.474	ug/L	91
50) 1,2-Dibromoethane	8.345	107	32911	4.462	ug/L	98
51) Chlorobenzene	8.873	112	155715	4.710	ug/L	99
52) Ethylbenzene	9.001	91	268369	4.591	ug/L	98
53) m,p-Xylene	9.130	106	99473	4.657	ug/L	96
54) o-Xylene	9.532	106	97824	4.618	ug/L	94
55) Styrene	9.551	104	173019	4.790	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	50048	4.934	ug/L	99
59) Bromoform	9.722	173	15860	4.373	ug/L	99
60) Isopropylbenzene	9.921	105	274263	4.468	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	34258	4.304	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	74772	4.241	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	213528	4.498	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	114953	4.732	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	113664	4.633	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	105536	4.671	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	5366	3.846	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	82723	4.781	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	62618	4.593	ug/L	100
71) Naphthalene	13.493	128	86725	3.762	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	55088	4.624	ug/L	98

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

