

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040522\
 Data File : VW025354.D
 Acq On : 05 Apr 2022 17:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005367

Quant Time: Apr 08 16:31:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 08 01:19:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131904	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	126535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45590	3.700	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.568	69	45507	4.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.111	63	101999	3.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.892	46	61940	50.468	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.940%
24) Chloroform-d	4.352	84	74671	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.034	65	32275	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.050	84	138067	4.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.069	67	39952	4.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.317	98	129329	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.625	79	12373	4.228	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.088	63	47882	45.298	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27632	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	44528	4.360	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	60129	4.564	ug/L	100
3) Chloromethane	1.243	50	69300	4.460	ug/L	98
5) Vinyl chloride	1.310	62	76069	4.383	ug/L	98
6) Bromomethane	1.523	94	48235	4.682	ug/L	99
8) Chloroethane	1.587	64	53552	4.917	ug/L	99
9) Trichlorofluoromethane	1.754	101	112392	4.790	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	61931	4.444	ug/L	98
12) 1,1-Dichloroethene	2.121	96	59645	4.491	ug/L	97
13) Acetone	2.182	43	47909	51.156	ug/L	76
14) Carbon disulfide	2.297	76	125297	4.554	ug/L	98
15) Methyl Acetate	2.439	43	11083	5.198	ug/L	98
16) Methylene chloride	2.510	84	47766	4.581	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	83591	4.975	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	45758	4.801	ug/L	99
19) 1,1-Dichloroethane	3.191	63	81405	5.116	ug/L	99
21) 2-Butanone	3.979	43	66373	51.505	ug/L	81
22) cis-1,2-Dichloroethene	3.915	96	48361	4.994	ug/L	96
23) Bromochloromethane	4.252	128	21571	5.340	ug/L	93
25) Chloroform	4.378	83	90034	5.100	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	46847	5.138	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	79262	5.181	ug/L	98
30) Cyclohexane	4.680	56	60880	4.449	ug/L	98
31) Carbon tetrachloride	4.828	117	65409	4.939	ug/L	97
33) Benzene	5.098	78	187553	5.053	ug/L	100
34) Trichloroethene	5.915	95	49437	4.851	ug/L	96
35) Methylcyclohexane	6.133	83	69765	4.369	ug/L	99
37) 1,2-Dichloropropane	6.172	63	42719	4.962	ug/L	100
38) Bromodichloromethane	6.510	83	57346	5.258	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	53875	4.826	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	174918	50.884	ug/L	100
42) Toluene	7.387	91	202954	5.122	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	41513	4.730	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	31816	5.397	ug/L	99
47) Tetrachloroethene	7.976	164	38432	5.114	ug/L	97
48) 2-Hexanone	8.140	43	127960	52.046	ug/L	100
49) Dibromochloromethane	8.246	129	33389	5.263	ug/L	94
50) 1,2-Dibromoethane	8.352	107	28230	5.140	ug/L	94
51) Chlorobenzene	8.879	112	129130	5.047	ug/L	99
52) Ethylbenzene	9.011	91	206753	4.920	ug/L	98
53) m,p-Xylene	9.136	106	81888	5.010	ug/L	98
54) o-Xylene	9.542	106	77699	4.973	ug/L	96
55) Styrene	9.561	104	134874	5.250	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	31397	5.109	ug/L	98
59) Bromoform	9.731	173	14286	5.496	ug/L #	99
60) Isopropylbenzene	9.931	105	208636	4.947	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	23444	4.872	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	87837	4.645	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	162348	4.812	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	99104	5.017	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	96879	4.898	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	88160	5.072	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	4055	4.707	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	69212	4.858	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	51201	4.763	ug/L	100
71) Naphthalene	13.500	128	76636	4.574	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	46136	4.981	ug/L	98

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

