

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021622\
 Data File : VW024712.D
 Acq On : 16 Feb 2022 21:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

Quant Time: Feb 16 23:40:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 23:36:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107033	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	109478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	55640	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39362	4.387	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.571	69	42069	5.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	2.114	63	97561	4.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	3.892	46	94166	63.224	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.440%
24) Chloroform-d	4.352	84	90829	5.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.000%
26) 1,2-Dichloroethane-d4	5.037	65	40258	5.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	5.053	84	173457	5.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
36) 1,2-Dichloropropane-d6	6.069	67	53174	5.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.317	98	155699	5.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
43) trans-1,3-Dichloroprop...	7.622	79	18398	4.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.088	63	78059	56.789	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34805	6.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.000%#
66) 1,2-Dichlorobenzene-d4	11.622	152	50917	5.677	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	77619	5.519	ug/L	98
3) Chloromethane	1.243	50	83100	6.005	ug/L	98
5) Vinyl chloride	1.314	62	88925	5.967	ug/L	98
6) Bromomethane	1.526	94	48517	5.288	ug/L	98
8) Chloroethane	1.587	64	58780	6.439	ug/L	97
9) Trichlorofluoromethane	1.757	101	120069	5.961	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	61563	5.483	ug/L	88
12) 1,1-Dichloroethene	2.121	96	66550	6.005	ug/L	95
13) Acetone	2.182	43	75130	63.920	ug/L	72
14) Carbon disulfide	2.297	76	184008	5.224	ug/L	100
15) Methyl Acetate	2.439	43	19667	5.851	ug/L	98
16) Methylene chloride	2.510	84	63527	5.786	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	134684	5.898	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	64298	5.906	ug/L	92
19) 1,1-Dichloroethane	3.191	63	120169	6.391	ug/L	97
21) 2-Butanone	3.973	43	128063	65.742	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	69110	6.297	ug/L	92
23) Bromochloromethane	4.249	128	27611	6.624	ug/L	84
25) Chloroform	4.378	83	125746	6.389	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	68157	6.316	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	108803	6.058	ug/L	98
30) Cyclohexane	4.680	56	102674	5.549	ug/L	96
31) Carbon tetrachloride	4.831	117	89585	5.890	ug/L	100
33) Benzene	5.101	78	271240	6.348	ug/L	100
34) Trichloroethene	5.915	95	70071	5.956	ug/L	88
35) Methylcyclohexane	6.130	83	101100	5.194	ug/L	97
37) 1,2-Dichloropropane	6.172	63	66000	6.373	ug/L	97
38) Bromodichloromethane	6.510	83	83705	6.081	ug/L #	98
39) cis-1,3-Dichloropropene	7.027	75	90638	5.743	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	328218	61.414	ug/L	99
42) Toluene	7.387	91	290113	6.233	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	73032	5.602	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	42886	6.390	ug/L	96
47) Tetrachloroethene	7.976	164	44034	5.641	ug/L	93
48) 2-Hexanone	8.136	43	232841	63.646	ug/L	99
49) Dibromochloromethane	8.246	129	48064	5.931	ug/L	99
50) 1,2-Dibromoethane	8.352	107	39654	6.295	ug/L #	94
51) Chlorobenzene	8.879	112	176192	6.177	ug/L	94
52) Ethylbenzene	9.011	91	308294	5.953	ug/L	98
53) m,p-xylene	9.136	106	115090	5.867	ug/L	98
54) o-xylene	9.542	106	116295	6.148	ug/L	96
55) Styrene	9.558	104	193617	6.235	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	46690	6.868	ug/L	99
59) Bromoform	9.731	173	20545	5.779	ug/L	98
60) Isopropylbenzene	9.931	105	306680	6.077	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	34876	6.358	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	253842	5.874	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	252374	5.875	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	126274	6.147	ug/L	96
65) 1,4-Dichlorobenzene	11.268	146	124846	6.119	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	113369	6.217	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.426	75	6482	6.084	ug/L #	75
69) 1,3,5-Trichlorobenzene	12.641	180	81270	5.561	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	66081	5.599	ug/L	96
71) Naphthalene	13.500	128	123190	5.763	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58185	5.862	ug/L	98

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

