

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025530.D
 Acq On : 14 Apr 2022 06:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

Quant Time: Apr 14 07:10:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	113817	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	57582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	63364	5.988	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.800%
7) Chloroethane-d5	1.574	69	54879	4.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.114	63	120619	5.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.800%
20) 2-Butanone-d5	3.905	46	71590	55.619	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.240%
24) Chloroform-d	4.355	84	90974	5.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.800%
26) 1,2-Dichloroethane-d4	5.037	65	40499	5.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.600%
32) Benzene-d6	5.053	84	182621	5.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
36) 1,2-Dichloropropane-d6	6.072	67	50479	5.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.317	98	166907	5.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
43) trans-1,3-Dichloroprop...	7.625	79	15663	5.061	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.088	63	56700	52.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30982	5.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	52375	5.425	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	47618	4.631	ug/L	99
3) Chloromethane	1.246	50	68123	6.098	ug/L	98
5) Vinyl chloride	1.317	62	72781	5.765	ug/L	99
6) Bromomethane	1.529	94	43610	4.791	ug/L	99
8) Chloroethane	1.590	64	49208	5.050	ug/L	96
9) Trichlorofluoromethane	1.761	101	96971	5.469	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	42560	4.272	ug/L	97
12) 1,1-Dichloroethene	2.124	96	53219	5.391	ug/L	95
13) Acetone	2.192	43	51083	58.471	ug/L	98
14) Carbon disulfide	2.301	76	117077	4.955	ug/L	99
15) Methyl Acetate	2.446	43	11844	6.100	ug/L	97
16) Methylene chloride	2.513	84	47005	4.911	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	82497	5.401	ug/L	98
18) trans-1,2-Dichloroethene	2.767	96	44683	5.402	ug/L	98
19) 1,1-Dichloroethane	3.198	63	81692	5.830	ug/L	97
21) 2-Butanone	3.982	43	70919	58.747	ug/L	93
22) cis-1,2-Dichloroethene	3.921	96	48925	5.618	ug/L	97
23) Bromochloromethane	4.256	128	20635	5.707	ug/L	93
25) Chloroform	4.381	83	88245	5.967	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	44648	5.722	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	76274	5.667	ug/L	100
30) Cyclohexane	4.683	56	57253	4.679	ug/L	98
31) Carbon tetrachloride	4.831	117	60170	5.286	ug/L	95
33) Benzene	5.105	78	188718	5.598	ug/L	100
34) Trichloroethene	5.915	95	48741	5.446	ug/L	97
35) Methylcyclohexane	6.133	83	51185	3.584	ug/L	95
37) 1,2-Dichloropropane	6.175	63	43649	5.597	ug/L #	93
38) Bromodichloromethane	6.513	83	55236	5.705	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	51233	5.013	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	190302	60.946	ug/L	97
42) Toluene	7.387	91	200918	5.479	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	41809	5.266	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	29523	5.653	ug/L	99
47) Tetrachloroethene	7.976	164	30234	4.315	ug/L	98
48) 2-Hexanone	8.140	43	136255	62.616	ug/L	96
49) Dibromochloromethane	8.246	129	32122	5.603	ug/L	97
50) 1,2-Dibromoethane	8.352	107	26507	5.404	ug/L #	99
51) Chlorobenzene	8.883	112	122101	5.215	ug/L	96
52) Ethylbenzene	9.011	91	195571	5.001	ug/L	98
53) m,p-Xylene	9.137	106	75210	5.058	ug/L	98
54) o-Xylene	9.542	106	74623	5.167	ug/L	98
55) Styrene	9.561	104	125367	5.338	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	30571	5.859	ug/L	99
59) Bromoform	9.731	173	13236	5.569	ug/L	97
60) Isopropylbenzene	9.931	105	188923	5.301	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	23964	6.319	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	78302	4.927	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	140955	4.922	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	84852	5.100	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	85362	5.054	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	79833	5.418	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	4203	6.410	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	51393	4.060	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	41949	4.299	ug/L	98
71) Naphthalene	13.500	128	75710	5.289	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	39246	4.857	ug/L	99

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

