

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025485.D
 Acq On : 12 Apr 2022 19:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

Quant Time: Apr 13 02:36:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 13 02:31:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	169043	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	54382	3.460	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.571	69	53085	3.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.600%#
11) 1,1-Dichloroethene-d2	2.114	63	131657	4.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	3.905	46	100780	52.717	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.440%
24) Chloroform-d	4.352	84	103842	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.034	65	45577	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.053	84	198212	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.072	67	59563	4.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.317	98	185486	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.625	79	18587	4.086	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.088	63	78400	49.109	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40679	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	63352	4.245	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	70811	4.637	ug/L	99
3) Chloromethane	1.243	50	92264	5.561	ug/L	97
5) Vinyl chloride	1.314	62	97233	5.186	ug/L	98
6) Bromomethane	1.526	94	54525	4.033	ug/L	99
8) Chloroethane	1.587	64	64628	4.465	ug/L	97
9) Trichlorofluoromethane	1.757	101	134201	5.096	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	66314	4.482	ug/L	100
12) 1,1-Dichloroethene	2.121	96	74010	5.048	ug/L	89
13) Acetone	2.195	43	68290	52.630	ug/L	95
14) Carbon disulfide	2.297	76	167443	4.771	ug/L	100
15) Methyl Acetate	2.445	43	17666	6.126	ug/L #	85
16) Methylene chloride	2.510	84	64449	4.534	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	117434	5.176	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	61419	4.999	ug/L	96
19) 1,1-Dichloroethane	3.195	63	110333	5.302	ug/L	99
21) 2-Butanone	3.992	43	99732	55.624	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	65240	5.044	ug/L	94
23) Bromochloromethane	4.252	128	26886	5.007	ug/L	92
25) Chloroform	4.378	83	117336	5.342	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	61941	5.345	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	101573	5.135	ug/L	99
30) Cyclohexane	4.680	56	85226	4.739	ug/L	98
31) Carbon tetrachloride	4.828	117	80439	4.808	ug/L	98
33) Benzene	5.101	78	265713	5.363	ug/L	100
34) Trichloroethene	5.915	95	63965	4.863	ug/L	96
35) Methylcyclohexane	6.133	83	86521	4.122	ug/L	99
37) 1,2-Dichloropropane	6.175	63	59777	5.216	ug/L	100
38) Bromodichloromethane	6.510	83	72163	5.072	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	74435	4.956	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	265740	57.907	ug/L	96
42) Toluene	7.387	91	274214	5.088	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	56671	4.856	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	39578	5.157	ug/L	99
47) Tetrachloroethene	7.976	164	45134	4.383	ug/L	99
48) 2-Hexanone	8.140	43	190740	59.641	ug/L	96
49) Dibromochloromethane	8.246	129	42739	5.072	ug/L	100
50) 1,2-Dibromoethane	8.352	107	36879	5.115	ug/L #	98
51) Chlorobenzene	8.879	112	168398	4.894	ug/L	99
52) Ethylbenzene	9.011	91	277175	4.822	ug/L	100
53) m,p-Xylene	9.136	106	108090	4.946	ug/L	97
54) o-Xylene	9.542	106	106292	5.008	ug/L	98
55) Styrene	9.561	104	172689	5.003	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	41838	5.456	ug/L	98
59) Bromoform	9.731	173	18453	5.022	ug/L	94
60) Isopropylbenzene	9.931	105	272941	4.954	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	31803	5.425	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	114814	4.673	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	215989	4.879	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	121881	4.739	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	120405	4.612	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	109949	4.827	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5535	5.461	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	81347	4.157	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	64668	4.287	ug/L	97
71) Naphthalene	13.500	128	103329	4.669	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56555	4.528	ug/L	98

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

