

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042222\
 Data File : VW025701.D
 Acq On : 22 Apr 2022 23:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005391

Quant Time: Apr 23 04:44:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 23 01:57:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133402	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	73695	5.942	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 118.800%		
7) Chloroethane-d5	1.571	69	68191	5.168	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.400%		
11) 1,1-Dichloroethene-d2	2.114	63	132814	5.346	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.000%		
20) 2-Butanone-d5	3.896	46	100956	66.918	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 133.840%#		
24) Chloroform-d	4.352	84	114840	6.128	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 122.600%		
26) 1,2-Dichloroethane-d4	5.034	65	52046	6.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 129.000%		
32) Benzene-d6	5.053	84	226347	5.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 117.400%		
36) 1,2-Dichloropropane-d6	6.072	67	66740	6.210	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 124.200%		
41) Toluene-d8	7.317	98	203625	5.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.800%		
43) trans-1,3-Dichloroprop...	7.622	79	20591	5.700	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 114.000%		
46) 2-Hexanone-d5	8.088	63	73802	58.209	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 116.420%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37892	5.580	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	61011	5.237	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	44793	3.717	ug/L	99
3) Chloromethane	1.246	50	68660	5.244	ug/L	97
5) Vinyl chloride	1.317	62	68890	4.656	ug/L	98
6) Bromomethane	1.526	94	42885	4.019	ug/L	100
8) Chloroethane	1.590	64	49932	4.372	ug/L	99
9) Trichlorofluoromethane	1.757	101	87665	4.218	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	46420	3.975	ug/L	99
12) 1,1-Dichloroethene	2.124	96	48032	4.151	ug/L	97
13) Acetone	2.188	43	65618	64.081	ug/L	96
14) Carbon disulfide	2.301	76	100044	3.612	ug/L	99
15) Methyl Acetate	2.445	43	14784	6.496	ug/L	95
16) Methylene chloride	2.513	84	53456	4.765	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	99606	5.563	ug/L	96
18) trans-1,2-Dichloroethene	2.767	96	43370	4.473	ug/L	98
19) 1,1-Dichloroethane	3.195	63	92297	5.620	ug/L	95
21) 2-Butanone	3.979	43	95709	67.642	ug/L	91
22) cis-1,2-Dichloroethene	3.918	96	51289	5.025	ug/L	93
23) Bromochloromethane	4.252	128	21606	5.098	ug/L #	82
25) Chloroform	4.381	83	97788	5.641	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	52673	5.759	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	76356	4.861	ug/L	97
30) Cyclohexane	4.683	56	52454	3.672	ug/L	97
31) Carbon tetrachloride	4.831	117	59811	4.502	ug/L	99
33) Benzene	5.105	78	194362	4.940	ug/L	100
34) Trichloroethene	5.918	95	48037	4.598	ug/L	98
35) Methylcyclohexane	6.133	83	56819	3.409	ug/L	94
37) 1,2-Dichloropropane	6.175	63	50586	5.558	ug/L	100
38) Bromodichloromethane	6.510	83	63835	5.649	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	62170	5.212	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	244851	67.182	ug/L	95
42) Toluene	7.387	91	201960	4.719	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	48918	5.278	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	34280	5.624	ug/L	99
47) Tetrachloroethene	7.976	164	45682	5.585	ug/L	98
48) 2-Hexanone	8.140	43	178684	70.351	ug/L #	93
49) Dibromochloromethane	8.246	129	36349	5.432	ug/L	96
50) 1,2-Dibromoethane	8.352	107	29416	5.138	ug/L	99
51) Chlorobenzene	8.883	112	125610	4.596	ug/L	99
52) Ethylbenzene	9.011	91	192347	4.214	ug/L	99
53) m,p-Xylene	9.140	106	73633	4.243	ug/L	96
54) o-Xylene	9.542	106	74706	4.432	ug/L	95
55) Styrene	9.561	104	125868	4.592	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	33542	5.507	ug/L	98
59) Bromoform	9.731	173	16179	5.641	ug/L	97
60) Isopropylbenzene	9.931	105	187554	4.361	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	28217	6.166	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	78986	4.119	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	145490	4.211	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	92388	4.602	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	89463	4.390	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	84293	4.741	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4894	6.186	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	64093	4.196	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	49441	4.199	ug/L	97
71) Naphthalene	13.500	128	77117	4.465	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	42942	4.404	ug/L	98

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

