

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042522\
 Data File : VW025721.D
 Acq On : 25 Apr 2022 17:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005393

Quant Time: Apr 26 06:37:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 26 06:32:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	178682	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	179920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98722	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	80682	4.857	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.574	69	76809	4.346	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.000%	
11) 1,1-Dichloroethene-d2	2.114	63	156176	4.693	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.800%	
20) 2-Butanone-d5	3.899	46	116532	57.669	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.340%	
24) Chloroform-d	4.352	84	136226	5.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.600%	
26) 1,2-Dichloroethane-d4	5.034	65	60373	5.582	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.600%	
32) Benzene-d6	5.053	84	270365	5.194	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	6.072	67	77848	5.362	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.200%	
41) Toluene-d8	7.317	98	253028	5.238	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
43) trans-1,3-Dichloroprop...	7.622	79	24351	4.990	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.800%	
46) 2-Hexanone-d5	8.088	63	88548	51.702	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.400%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45734	4.986	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	78412	4.737	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	57430	3.558	ug/L	99
3) Chloromethane	1.246	50	78244	4.461	ug/L	97
5) Vinyl chloride	1.317	62	80635	4.068	ug/L	100
6) Bromomethane	1.529	94	48406	3.387	ug/L	98
8) Chloroethane	1.590	64	58730	3.839	ug/L	98
9) Trichlorofluoromethane	1.757	101	115126	4.136	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	59296	3.791	ug/L	97
12) 1,1-Dichloroethene	2.124	96	61232	3.951	ug/L	97
13) Acetone	2.191	43	77605	56.582	ug/L	97
14) Carbon disulfide	2.301	76	125628	3.386	ug/L	99
15) Methyl Acetate	2.442	43	17683	5.801	ug/L	91
16) Methylene chloride	2.513	84	60338	4.016	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	115607	4.821	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	52790	4.065	ug/L	96
19) 1,1-Dichloroethane	3.195	63	109651	4.985	ug/L	99
21) 2-Butanone	3.982	43	111840	59.013	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	61331	4.486	ug/L	89
23) Bromochloromethane	4.256	128	26290	4.632	ug/L	94
25) Chloroform	4.378	83	118055	5.085	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	61493	5.020	ug/L	100
29) 1,1,1-Trichloroethane	4.612	97	95438	4.498	ug/L	98
30) Cyclohexane	4.683	56	69146	3.584	ug/L	98
31) Carbon tetrachloride	4.831	117	80064	4.461	ug/L	98
33) Benzene	5.101	78	238484	4.487	ug/L	100
34) Trichloroethene	5.915	95	59644	4.227	ug/L	98
35) Methylcyclohexane	6.133	83	71981	3.197	ug/L	95
37) 1,2-Dichloropropane	6.172	63	59620	4.849	ug/L	99
38) Bromodichloromethane	6.510	83	76224	4.994	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	72057	4.472	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	289175	58.738	ug/L	95
42) Toluene	7.387	91	253501	4.385	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	59309	4.738	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	41790	5.075	ug/L	97
47) Tetrachloroethene	7.976	164	41969	3.799	ug/L	94
48) 2-Hexanone	8.140	43	213747	62.300	ug/L	94
49) Dibromochloromethane	8.246	129	45172	4.997	ug/L	99
50) 1,2-Dibromoethane	8.352	107	34537	4.466	ug/L	95
51) Chlorobenzene	8.882	112	156215	4.232	ug/L	99
52) Ethylbenzene	9.011	91	252832	4.100	ug/L	99
53) m,p-Xylene	9.136	106	96448	4.114	ug/L	100
54) o-Xylene	9.542	106	96208	4.225	ug/L	98
55) Styrene	9.561	104	165129	4.460	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	40814	4.961	ug/L	98
59) Bromoform	9.731	173	19404	4.762	ug/L	98
60) Isopropylbenzene	9.931	105	249075	4.076	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	33384	5.134	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	102537	3.763	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	190469	3.880	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	115092	4.035	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	114876	3.967	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	107505	4.256	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5812	5.170	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	76114	3.507	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	58581	3.502	ug/L	97
71) Naphthalene	13.500	128	90106	3.671	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50592	3.652	ug/L	98

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

