

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026264.D
 Acq On : 15 Jun 2022 03:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

Quant Time: Jun 15 09:41:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 07:11:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	180816	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	173683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.313	65	98143	4.151	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.000%	
7) Chloroethane-d5	1.577	69	85721	4.603	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.000%	
11) 1,1-Dichloroethene-d2	2.117	63	170299	4.479	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	3.908	46	133639	75.755	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	151.520%#	
24) Chloroform-d	4.355	84	174531	5.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
26) 1,2-Dichloroethane-d4	5.040	65	77016	5.697	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.000%	
32) Benzene-d6	5.056	84	348272	5.144	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.072	67	102341	5.241	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.800%	
41) Toluene-d8	7.316	98	320330	5.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
43) trans-1,3-Dichloroprop...	7.625	79	32083	5.444	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	108.800%	
46) 2-Hexanone-d5	8.091	63	119084	64.896	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	129.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	66520	5.718	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	105508	5.220	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.140	85	79337	4.773	ug/L	100
3) Chloromethane	1.249	50	85117	4.718	ug/L	100
5) Vinyl chloride	1.320	62	91675	4.852	ug/L	100
6) Bromomethane	1.529	94	48848	4.424	ug/L	98
8) Chloroethane	1.593	64	57020	4.838	ug/L	99
9) Trichlorofluoromethane	1.760	101	127477	5.010	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	70832	4.899	ug/L	99
12) 1,1-Dichloroethene	2.127	96	68351	4.944	ug/L	79
13) Acetone	2.201	43	47387	47.048	ug/L	96
14) Carbon disulfide	2.301	76	166985	4.756	ug/L	99
15) Methyl Acetate	2.452	43	18054	6.138	ug/L	95
16) Methylene chloride	2.516	84	80849	5.673	ug/L	97
17) Methyl tert-butyl Ether	2.780	73	116413	5.178	ug/L	98
18) trans-1,2-Dichloroethene	2.770	96	64567	4.871	ug/L	96
19) 1,1-Dichloroethane	3.198	63	124895	4.909	ug/L	98
21) 2-Butanone	3.995	43	87390	63.742	ug/L	85
22) cis-1,2-Dichloroethene	3.921	96	66952	5.020	ug/L	98
23) Bromochloromethane	4.259	128	28796	5.171	ug/L	93
25) Chloroform	4.384	83	138934	5.225	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.136	62	61660	4.990	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	115396	5.067	ug/L	99
30) Cyclohexane	4.683	56	82559	4.734	ug/L	98
31) Carbon tetrachloride	4.831	117	94055	5.110	ug/L	100
33) Benzene	5.104	78	277507	5.283	ug/L	100
34) Trichloroethene	5.918	95	69941	4.930	ug/L	97
35) Methylcyclohexane	6.133	83	93952	4.898	ug/L	98
37) 1,2-Dichloropropane	6.178	63	67691	4.974	ug/L	99
38) Bromodichloromethane	6.513	83	83903	5.177	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	74060	4.878	ug/L	95
40) 4-Methyl-2-pentanone	7.230	43	273042	56.071	ug/L	96
42) Toluene	7.387	91	299421	5.384	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	62696	5.250	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	45015	5.256	ug/L	95
47) Tetrachloroethene	7.976	164	52544	5.158	ug/L	98
48) 2-Hexanone	8.143	43	202774	58.639	ug/L	98
49) Dibromochloromethane	8.246	129	50127	5.362	ug/L	96
50) 1,2-Dibromoethane	8.355	107	39469	5.387	ug/L	95
51) Chlorobenzene	8.882	112	183511	5.132	ug/L	99
52) Ethylbenzene	9.011	91	283600	5.139	ug/L	99
53) m,p-Xylene	9.140	106	111893	5.297	ug/L	96
54) o-Xylene	9.545	106	103432	5.065	ug/L	98
55) Styrene	9.561	104	187107	5.557	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	44995	5.182	ug/L	98
59) Bromoform	9.731	173	22604	5.219	ug/L	99
60) Isopropylbenzene	9.931	105	283202	4.802	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34784	5.029	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	211037	4.538	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	216453	4.729	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	138870	4.939	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	137640	4.935	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	122551	4.861	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6077	5.006	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	93898	4.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	67466	4.742	ug/L	99
71) Naphthalene	13.500	128	92973	4.675	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58345	4.968	ug/L	95

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

