

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061122\
 Data File : VW026141.D
 Acq On : 11 Jun 2022 20:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005306

Quant Time: Jun 13 01:22:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:15:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	186219	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173133	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87930	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	51378	4.70	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.00%	
7) Chloroethane-d5	1.581	69	58488	5.12	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.40%	
11) 1,1-Dichloroethene-d2	2.124	63	116670	4.62	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.40%	
20) 2-Butanone-d5	3.918	46	112042	69.30	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	138.60%#	
24) Chloroform-d	4.359	84	121988	5.27	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.40%	
26) 1,2-Dichloroethane-d4	5.040	65	50821	5.38	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.60%	
32) Benzene-d6	5.056	84	230016	5.50	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.00%	
36) 1,2-Dichloropropane-d6	6.076	67	70301	5.43	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.60%	
41) Toluene-d8	7.317	98	201655	5.45	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.00%	
43) trans-1,3-Dichloroprop...	7.625	79	17377	4.56	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.20%	
46) 2-Hexanone-d5	8.092	63	88853	52.99	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.98%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46594	5.34	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.80%	
66) 1,2-Dichlorobenzene-d4	11.622	152	66055	4.91	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.20%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	73689	4.02	ug/L	98
3) Chloromethane	1.253	50	92316	4.50	ug/L	100
5) Vinyl chloride	1.323	62	89453	4.17	ug/L	98
6) Bromomethane	1.536	94	51110	4.11	ug/L	99
8) Chloroethane	1.600	64	56848	4.31	ug/L	100
9) Trichlorofluoromethane	1.767	101	113746	4.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	60825	3.91	ug/L	99
12) 1,1-Dichloroethene	2.130	96	62320	4.16	ug/L	93
13) Acetone	2.214	43	76143	59.05	ug/L	75
14) Carbon disulfide	2.307	76	168550	3.94	ug/L	99
15) Methyl Acetate	2.458	43	17156	4.07	ug/L #	79
16) Methylene chloride	2.523	84	66199	4.44	ug/L	98
17) Methyl tert-butyl Ether	2.783	73	122780	5.05	ug/L	98
18) trans-1,2-Dichloroethene	2.774	96	61190	4.33	ug/L	99
19) 1,1-Dichloroethane	3.204	63	120538	4.69	ug/L	98
21) 2-Butanone	4.002	43	108918	64.85	ug/L	94
22) cis-1,2-Dichloroethene	3.925	96	64347	4.62	ug/L	97
23) Bromochloromethane	4.262	128	27215	4.65	ug/L	96
25) Chloroform	4.388	83	124996	4.74	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	63383	4.86	ug/L	97
29) 1,1,1-Trichloroethane	4.619	97	102765	4.52	ug/L	99
30) Cyclohexane	4.687	56	79827	4.04	ug/L	98
31) Carbon tetrachloride	4.835	117	81386	4.36	ug/L	100
33) Benzene	5.108	78	256621	4.72	ug/L	100
34) Trichloroethene	5.921	95	62642	4.41	ug/L	98
35) Methylcyclohexane	6.137	83	82995	3.79	ug/L	99
37) 1,2-Dichloropropane	6.179	63	64709	4.91	ug/L	99
38) Bromodichloromethane	6.513	83	78024	4.90	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	70993	4.37	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	296274	55.00	ug/L	98
42) Toluene	7.391	91	263269	4.63	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	58443	4.59	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	43176	5.04	ug/L	97
47) Tetrachloroethene	7.976	164	43995	4.00	ug/L	99
48) 2-Hexanone	8.140	43	213890	55.94	ug/L	99
49) Dibromochloromethane	8.246	129	45408	4.86	ug/L	94
50) 1,2-Dibromoethane	8.355	107	36855	4.84	ug/L	98
51) Chlorobenzene	8.883	112	161734	4.37	ug/L	98
52) Ethylbenzene	9.011	91	255378	4.29	ug/L	100
53) m,p-Xylene	9.137	106	99479	4.32	ug/L	99
54) o-Xylene	9.542	106	96776	4.42	ug/L	99
55) Styrene	9.561	104	169313	4.62	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	46980	5.12	ug/L	99
59) Bromoform	9.731	173	19688	4.77	ug/L	99
60) Isopropylbenzene	9.931	105	252745	4.33	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34387	5.01	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	191345	4.13	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	191192	4.15	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	122491	4.41	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	121479	4.30	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	108610	4.42	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6101	5.00	ug/L	97
69) 1,3,5-Trichlorobenzene	12.645	180	79763	3.97	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	60774	4.06	ug/L	100
71) Naphthalene	13.500	128	92560	4.35	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	53826	4.24	ug/L	98

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

