

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061022\
 Data File : VW026115.D
 Acq On : 11 Jun 2022 00:29
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005304

Quant Time: Jun 11 01:30:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 11 01:25:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	171593	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	165655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83379	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	55542	5.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.200%
7) Chloroethane-d5	1.580	69	61881	5.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.600%
11) 1,1-Dichloroethene-d2	2.121	63	128698	5.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.600%
20) 2-Butanone-d5	3.921	46	113879	76.440	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	152.880%#
24) Chloroform-d	4.358	84	124291	5.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.400%
26) 1,2-Dichloroethane-d4	5.043	65	51240	5.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.600%
32) Benzene-d6	5.059	84	241656	6.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.800%
36) 1,2-Dichloropropane-d6	6.075	67	72718	5.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.400%
41) Toluene-d8	7.316	98	216738	6.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.600%
43) trans-1,3-Dichloroprop...	7.628	79	18597	5.101	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.091	63	86798	54.097	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48278	5.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	69906	5.480	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	74220	4.395	ug/L	99
3) Chloromethane	1.252	50	95362	5.043	ug/L	99
5) Vinyl chloride	1.323	62	93432	4.731	ug/L	96
6) Bromomethane	1.535	94	51555	4.504	ug/L	98
8) Chloroethane	1.596	64	60732	5.001	ug/L	99
9) Trichlorofluoromethane	1.764	101	116847	4.642	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	60355	4.208	ug/L	99
12) 1,1-Dichloroethene	2.130	96	66187	4.795	ug/L	94
13) Acetone	2.214	43	78702	66.239	ug/L	91
14) Carbon disulfide	2.304	76	172190	4.372	ug/L	100
15) Methyl Acetate	2.455	43	21105	5.435	ug/L #	82
16) Methylene chloride	2.519	84	72987	5.307	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	127111	5.673	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	63067	4.845	ug/L	100
19) 1,1-Dichloroethane	3.201	63	125610	5.305	ug/L	98
21) 2-Butanone	4.002	43	120775	78.036	ug/L	91
22) cis-1,2-Dichloroethene	3.924	96	65985	5.143	ug/L	93
23) Bromochloromethane	4.262	128	29685	5.504	ug/L	95
25) Chloroform	4.387	83	130204	5.357	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	66549	5.538	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	107543	4.947	ug/L	99
30) Cyclohexane	4.686	56	79263	4.192	ug/L	97
31) Carbon tetrachloride	4.838	117	85103	4.767	ug/L	100
33) Benzene	5.108	78	268795	5.163	ug/L	100
34) Trichloroethene	5.921	95	66359	4.879	ug/L	99
35) Methylcyclohexane	6.133	83	78014	3.721	ug/L	99
37) 1,2-Dichloropropane	6.178	63	67912	5.383	ug/L	100
38) Bromodichloromethane	6.513	83	81294	5.334	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	72603	4.670	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	313648	60.856	ug/L	97
42) Toluene	7.390	91	274351	5.044	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	60423	4.961	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	45495	5.553	ug/L	99
47) Tetrachloroethene	7.976	164	44424	4.220	ug/L	99
48) 2-Hexanone	8.140	43	227362	62.148	ug/L	99
49) Dibromochloromethane	8.246	129	46913	5.246	ug/L	98
50) 1,2-Dibromoethane	8.355	107	39813	5.461	ug/L	99
51) Chlorobenzene	8.882	112	167805	4.740	ug/L	98
52) Ethylbenzene	9.014	91	263395	4.620	ug/L	100
53) m,p-Xylene	9.140	106	104126	4.725	ug/L	94
54) o-Xylene	9.545	106	99544	4.752	ug/L	99
55) Styrene	9.561	104	175543	5.003	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	48882	5.573	ug/L	99
59) Bromoform	9.731	173	21019	5.374	ug/L	98
60) Isopropylbenzene	9.931	105	257235	4.642	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	35649	5.478	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	192317	4.383	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	193637	4.431	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	121684	4.623	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	119129	4.444	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	110864	4.762	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6112	5.285	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	73515	3.856	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	56917	4.005	ug/L	98
71) Naphthalene	13.500	128	90357	4.475	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	52266	4.345	ug/L	99

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

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