

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070622\
 Data File : VW026659.D
 Acq On : 06 Jul 2022 09:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

Quant Time: Jul 07 01:13:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	203943	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	195935	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102016	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	66013	4.025	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.577	69	54453	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.118	63	122403	4.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	3.918	46	84648	51.911	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.820%
24) Chloroform-d	4.355	84	115201	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.040	65	44435	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.053	84	219375	3.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.072	67	63744	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.317	98	205388	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.625	79	18190	4.547	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.092	63	61407	40.301	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44608	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	63853	3.782	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	67097	4.321	ug/L	99
3) Chloromethane	1.253	50	72072	4.244	ug/L	98
5) Vinyl chloride	1.320	62	80296	4.440	ug/L	98
6) Bromomethane	1.532	94	42393	4.331	ug/L	99
8) Chloroethane	1.593	64	55456	4.509	ug/L	99
9) Trichlorofluoromethane	1.764	101	118604	4.703	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	73012	4.886	ug/L	99
12) 1,1-Dichloroethene	2.127	96	65942	4.787	ug/L	96
13) Acetone	2.208	43	66249	64.042	ug/L	93
14) Carbon disulfide	2.301	76	157643	4.338	ug/L	99
15) Methyl Acetate	2.455	43	15969	5.354	ug/L	98
16) Methylene chloride	2.516	84	74372	5.086	ug/L	92
17) Methyl tert-butyl Ether	2.783	73	111362	4.960	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	64281	4.574	ug/L	95
19) 1,1-Dichloroethane	3.198	63	121233	4.804	ug/L	98
21) 2-Butanone	3.998	43	98911	63.559	ug/L #	67
22) cis-1,2-Dichloroethene	3.921	96	66352	4.755	ug/L	98
23) Bromochloromethane	4.256	128	30985	5.391	ug/L	90
25) Chloroform	4.381	83	131466	4.870	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	60206	5.011	ug/L	96
29) 1,1,1-Trichloroethane	4.613	97	114648	4.755	ug/L	98
30) Cyclohexane	4.683	56	76889	4.028	ug/L	99
31) Carbon tetrachloride	4.831	117	97902	4.841	ug/L	100
33) Benzene	5.105	78	267930	4.683	ug/L	100
34) Trichloroethene	5.915	95	67441	4.484	ug/L	97
35) Methylcyclohexane	6.133	83	91111	4.095	ug/L	100
37) 1,2-Dichloropropane	6.175	63	66295	4.808	ug/L	100
38) Bromodichloromethane	6.513	83	81364	4.999	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	69636	5.025	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	253922	54.519	ug/L	98
42) Toluene	7.387	91	286904	4.858	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	57193	5.548	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	46179	5.311	ug/L	99
47) Tetrachloroethene	7.976	164	55156	4.606	ug/L	99
48) 2-Hexanone	8.140	43	182237	56.209	ug/L	97
49) Dibromochloromethane	8.246	129	49660	5.640	ug/L	98
50) 1,2-Dibromoethane	8.352	107	39785	5.146	ug/L	99
51) Chlorobenzene	8.879	112	183284	4.738	ug/L	96
52) Ethylbenzene	9.011	91	273028	4.470	ug/L	100
53) m,p-Xylene	9.137	106	109988	4.616	ug/L	94
54) o-Xylene	9.542	106	103064	4.608	ug/L	97
55) Styrene	9.561	104	185921	5.019	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	51581	5.312	ug/L	99
59) Bromoform	9.731	173	22037	5.862	ug/L	99
60) Isopropylbenzene	9.931	105	276033	4.387	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34440	5.214	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	211032	4.243	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	210885	4.300	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	145848	4.766	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	144518	4.756	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	127142	4.883	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5791	4.888	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	102726	4.668	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	73426	4.726	ug/L	100
71) Naphthalene	13.500	128	96460	4.758	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61308	4.821	ug/L	99

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

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