

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026686.D
 Acq On : 07 Jul 2022 21:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Jul 08 03:04:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	206170	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	194260	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	60551	3.652	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.584	69	55487	4.166	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.121	63	121041	4.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	3.924	46	93147	56.506	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.020%
24) Chloroform-d	4.362	84	122201	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.047	65	47672	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.059	84	233701	4.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.075	67	66992	4.366	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.317	98	211321	4.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.628	79	13414	3.382	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.095	63	71218	47.143	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46454	4.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	67742	4.130	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	63180	4.024	ug/L	99
3) Chloromethane	1.256	50	72775	4.239	ug/L	98
5) Vinyl chloride	1.326	62	79030	4.323	ug/L	86
6) Bromomethane	1.535	94	46387	4.688	ug/L	95
8) Chloroethane	1.600	64	55848	4.492	ug/L	92
9) Trichlorofluoromethane	1.767	101	119079	4.671	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	70737	4.683	ug/L	100
12) 1,1-Dichloroethene	2.130	96	63873	4.587	ug/L	97
13) Acetone	2.211	43	67513	64.559	ug/L	96
14) Carbon disulfide	2.307	76	163255	4.444	ug/L	99
15) Methyl Acetate	2.461	43	15637	5.186	ug/L	95
16) Methylene chloride	2.519	84	88532	5.989	ug/L	97
17) Methyl tert-butyl Ether	2.789	73	116780	5.145	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	65990	4.645	ug/L	96
19) 1,1-Dichloroethane	3.204	63	123280	4.832	ug/L	98
21) 2-Butanone	4.008	43	96814	61.539	ug/L	87
22) cis-1,2-Dichloroethene	3.924	96	69502	4.927	ug/L	93
23) Bromochloromethane	4.262	128	31139	5.359	ug/L	90
25) Chloroform	4.387	83	134632	4.933	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	60850	5.010	ug/L	95
29) 1,1,1-Trichloroethane	4.619	97	116392	4.869	ug/L	99
30) Cyclohexane	4.686	56	78818	4.165	ug/L	98
31) Carbon tetrachloride	4.838	117	89172	4.447	ug/L	99
33) Benzene	5.108	78	272518	4.805	ug/L	100
34) Trichloroethene	5.918	95	69930	4.690	ug/L	97
35) Methylcyclohexane	6.137	83	92781	4.206	ug/L	98
37) 1,2-Dichloropropane	6.178	63	68161	4.986	ug/L	98
38) Bromodichloromethane	6.516	83	77780	4.820	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	57962	4.218	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	262060	56.751	ug/L	98
42) Toluene	7.391	91	291576	4.980	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	43225	4.229	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	47398	5.498	ug/L	98
47) Tetrachloroethene	7.976	164	56214	4.735	ug/L	99
48) 2-Hexanone	8.143	43	187092	58.204	ug/L	96
49) Dibromochloromethane	8.246	129	41220	4.722	ug/L	99
50) 1,2-Dibromoethane	8.355	107	42169	5.501	ug/L	92
51) Chlorobenzene	8.882	112	188832	4.923	ug/L	97
52) Ethylbenzene	9.014	91	280134	4.626	ug/L	99
53) m,p-Xylene	9.140	106	115295	4.880	ug/L	95
54) o-Xylene	9.545	106	107137	4.832	ug/L	99
55) Styrene	9.561	104	187744	5.112	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	53203	5.527	ug/L	99
59) Bromoform	9.731	173	15416	4.221	ug/L	98
60) Isopropylbenzene	9.931	105	288844	4.725	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34696	5.406	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	215913	4.468	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	220265	4.623	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	144754	4.869	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	141448	4.791	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	129070	5.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6119	5.316	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	98314	4.599	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	70728	4.685	ug/L	99
71) Naphthalene	13.500	128	97299	4.940	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62175	5.032	ug/L	98

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

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