

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070822\
 Data File : VW026688.D
 Acq On : 08 Jul 2022 09:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

Quant Time: Jul 08 23:46:31 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	5.622	114	214117	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	206384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	103757	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	67102	3.897	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.577	69	58890	4.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.117	63	128366	4.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	3.918	46	76701	44.803	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.600%
24) Chloroform-d	4.358	84	133451	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.040	65	50757	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.056	84	238791	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.072	67	70433	4.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.316	98	218816	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.625	79	17304	4.107	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.091	63	68590	42.736	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52095	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	69276	4.035	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	74718	4.583	ug/L	98
3) Chloromethane	1.252	50	82686	4.637	ug/L	99
5) Vinyl chloride	1.323	62	88006	4.636	ug/L	93
6) Bromomethane	1.532	94	45062	4.385	ug/L	99
8) Chloroethane	1.596	64	59158	4.582	ug/L	95
9) Trichlorofluoromethane	1.764	101	133577	5.045	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	80401	5.125	ug/L	99
12) 1,1-Dichloroethene	2.127	96	73509	5.083	ug/L	92
13) Acetone	2.207	43	53347	49.119	ug/L	91
14) Carbon disulfide	2.301	76	171705	4.500	ug/L	98
15) Methyl Acetate	2.455	43	13390	4.276	ug/L #	82
16) Methylene chloride	2.516	84	79610	5.186	ug/L	95
17) Methyl tert-butyl Ether	2.786	73	118042	5.008	ug/L	98
18) trans-1,2-Dichloroethene	2.770	96	72122	4.888	ug/L	96
19) 1,1-Dichloroethane	3.201	63	136246	5.142	ug/L	99
21) 2-Butanone	4.002	43	76381	46.749	ug/L	99
22) cis-1,2-Dichloroethene	3.924	96	71670	4.892	ug/L	95
23) Bromochloromethane	4.259	128	33487	5.550	ug/L	91
25) Chloroform	4.384	83	144708	5.106	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	65962	5.229	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	126521	4.982	ug/L	99
30) Cyclohexane	4.683	56	82529	4.104	ug/L	100
31) Carbon tetrachloride	4.834	117	105791	4.966	ug/L	100
33) Benzene	5.104	78	292348	4.851	ug/L	100
34) Trichloroethene	5.918	95	73901	4.665	ug/L	95
35) Methylcyclohexane	6.133	83	98464	4.201	ug/L	99
37) 1,2-Dichloropropane	6.178	63	74955	5.161	ug/L	99
38) Bromodichloromethane	6.513	83	89317	5.209	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	67650	4.634	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	257126	52.412	ug/L	98
42) Toluene	7.387	91	318727	5.123	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	54667	5.035	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	49456	5.400	ug/L	98
47) Tetrachloroethene	7.976	164	60521	4.798	ug/L	97
48) 2-Hexanone	8.143	43	187550	54.919	ug/L	98
49) Dibromochloromethane	8.246	129	52046	5.612	ug/L	96
50) 1,2-Dibromoethane	8.355	107	42464	5.214	ug/L	96
51) Chlorobenzene	8.879	112	200326	4.916	ug/L	98
52) Ethylbenzene	9.011	91	301222	4.682	ug/L	100
53) m,p-Xylene	9.136	106	123070	4.903	ug/L	94
54) o-Xylene	9.541	106	116449	4.943	ug/L	92
55) Styrene	9.561	104	202855	5.199	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	55651	5.441	ug/L	98
59) Bromoform	9.731	173	21836	5.711	ug/L	98
60) Isopropylbenzene	9.931	105	305304	4.771	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	36841	5.484	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	229972	4.546	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	233500	4.681	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	156018	5.013	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	152631	4.939	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	135437	5.114	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6060	5.029	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	101651	4.542	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	69425	4.393	ug/L	99
71) Naphthalene	13.500	128	85331	4.139	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58135	4.495	ug/L	99

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

