

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026862.D
 Acq On : 20 Jul 2022 20:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005362

Quant Time: Jul 21 01:54:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	255208	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	250845	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138441	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	105085	4.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.564	69	92776	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.105	63	195646	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.889	46	190316	52.375	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.740%
24) Chloroform-d	4.346	84	202829	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.031	65	86867	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.047	84	390343	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.069	67	114700	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.313	98	356119	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.622	79	36002	4.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.088	63	158620	48.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	86837	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	116212	4.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	145440	4.483	ug/L	100
3) Chloromethane	1.240	50	127736	4.103	ug/L	100
5) Vinyl chloride	1.307	62	135608	4.278	ug/L	99
6) Bromomethane	1.516	94	76754	4.045	ug/L	97
8) Chloroethane	1.581	64	81628	4.370	ug/L	98
9) Trichlorofluoromethane	1.748	101	183828	4.563	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	106117	4.598	ug/L	99
12) 1,1-Dichloroethene	2.114	96	99208	4.433	ug/L	96
13) Acetone	2.179	43	134058	43.848	ug/L #	28
14) Carbon disulfide	2.288	76	287201	4.356	ug/L	99
15) Methyl Acetate	2.436	43	33762	5.460	ug/L	96
16) Methylene chloride	2.503	84	124606	4.675	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	187216	4.856	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	103201	5.018	ug/L	95
19) 1,1-Dichloroethane	3.185	63	191163	5.090	ug/L	100
21) 2-Butanone	3.973	43	190831	53.521	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	106930	5.155	ug/L	98
23) Bromochloromethane	4.246	128	48939	5.121	ug/L	95
25) Chloroform	4.371	83	199507	5.072	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	103010	4.860	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	171269	5.067	ug/L	98
30) Cyclohexane	4.674	56	133355	4.630	ug/L	98
31) Carbon tetrachloride	4.825	117	148850	4.986	ug/L	96
33) Benzene	5.095	78	424863	5.066	ug/L	100
34) Trichloroethene	5.912	95	107272	5.204	ug/L	97
35) Methylcyclohexane	6.130	83	147584	4.691	ug/L	99
37) 1,2-Dichloropropane	6.172	63	109006	5.436	ug/L	98
38) Bromodichloromethane	6.510	83	131513	5.030	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	120147	4.821	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	475203	51.301	ug/L	99
42) Toluene	7.387	91	447666	5.285	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	104290	5.096	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	74657	5.093	ug/L	94
47) Tetrachloroethene	7.973	164	83777	5.182	ug/L	99
48) 2-Hexanone	8.140	43	354577	52.889	ug/L	99
49) Dibromochloromethane	8.246	129	85603	5.067	ug/L	94
50) 1,2-Dibromoethane	8.352	107	67773	5.225	ug/L	95
51) Chlorobenzene	8.879	112	280351	5.235	ug/L	98
52) Ethylbenzene	9.011	91	419865	5.009	ug/L	98
53) m,p-Xylene	9.140	106	170054	5.217	ug/L	97
54) o-Xylene	9.542	106	159448	5.147	ug/L	97
55) Styrene	9.561	104	286823	5.284	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	86526	4.986	ug/L	96
59) Bromoform	9.731	173	40734	4.586	ug/L	97
60) Isopropylbenzene	9.931	105	421217	4.878	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	60630	4.749	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	320604	4.667	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	331703	4.755	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	216463	5.117	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	218997	5.091	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	197342	4.995	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	11884	4.391	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	146925	4.913	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	111429	4.900	ug/L	99
71) Naphthalene	13.503	128	166217	4.412	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	100744	4.761	ug/L	98

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

