

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025356.D
 Acq On : 06 Apr 2022 10:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005368

Quant Time: Apr 07 01:21:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 06 01:28:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	145807	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	138712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50466	3.705	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.564	69	45755	4.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.108	63	117146	3.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.892	46	71491	52.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.400%
24) Chloroform-d	4.342	84	83591	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.027	65	35477	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.047	84	152082	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.066	67	43640	4.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.310	98	139651	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.619	79	14772	4.604	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.085	63	53982	46.586	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.180%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	31103	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	50013	4.357	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	72449	4.975	ug/L	98
3) Chloromethane	1.240	50	82197	4.785	ug/L	99
5) Vinyl chloride	1.310	62	92283	4.810	ug/L	99
6) Bromomethane	1.519	94	56607	4.970	ug/L	99
8) Chloroethane	1.584	64	58471	4.856	ug/L	99
9) Trichlorofluoromethane	1.751	101	139131	5.364	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	78983	5.127	ug/L	99
12) 1,1-Dichloroethene	2.117	96	72299	4.925	ug/L	95
13) Acetone	2.191	43	58570	56.577	ug/L	85
14) Carbon disulfide	2.291	76	152768	5.023	ug/L	99
15) Methyl Acetate	2.439	43	13086	5.553	ug/L	96
16) Methylene chloride	2.503	84	57580	4.996	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	97429	5.246	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	57564	5.463	ug/L	93
19) 1,1-Dichloroethane	3.185	63	95477	5.428	ug/L	96
21) 2-Butanone	3.973	43	80747	56.685	ug/L	86
22) cis-1,2-Dichloroethene	3.905	96	58153	5.433	ug/L	91
23) Bromochloromethane	4.246	128	24983	5.595	ug/L	93
25) Chloroform	4.368	83	105068	5.384	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	53822	5.341	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	94276	5.621	ug/L	99
30) Cyclohexane	4.674	56	73532	4.902	ug/L	97
31) Carbon tetrachloride	4.821	117	79977	5.509	ug/L	100
33) Benzene	5.095	78	223888	5.502	ug/L	100
34) Trichloroethene	5.908	95	59918	5.363	ug/L	98
35) Methylcyclohexane	6.127	83	89539	5.115	ug/L	100
37) 1,2-Dichloropropane	6.169	63	49982	5.296	ug/L	100
38) Bromodichloromethane	6.506	83	67846	5.674	ug/L	92
39) cis-1,3-Dichloropropene	7.024	75	64897	5.303	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	206832	54.886	ug/L	99
42) Toluene	7.384	91	245822	5.659	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	51777	5.382	ug/L	93
45) 1,1,2-Trichloroethane	7.837	97	37181	5.754	ug/L	98
47) Tetrachloroethene	7.972	164	46579	5.654	ug/L	97
48) 2-Hexanone	8.136	43	148529	55.109	ug/L	95
49) Dibromochloromethane	8.242	129	40488	5.822	ug/L	98
50) 1,2-Dibromoethane	8.349	107	32893	5.463	ug/L #	98
51) Chlorobenzene	8.879	112	154533	5.509	ug/L	99
52) Ethylbenzene	9.011	91	250743	5.443	ug/L	97
53) m,p-Xylene	9.136	106	100572	5.613	ug/L	96
54) o-Xylene	9.541	106	94737	5.531	ug/L	97
55) Styrene	9.558	104	165284	5.869	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	36404	5.404	ug/L	99
59) Bromoform	9.728	173	18457	6.317	ug/L #	95
60) Isopropylbenzene	9.927	105	257026	5.422	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	27518	5.088	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	106135	4.993	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	199318	5.256	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	121856	5.489	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	121116	5.448	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	107013	5.477	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5246	5.418	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.641	180	88317	5.515	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	65139	5.391	ug/L	98
71) Naphthalene	13.500	128	90100	4.784	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55686	5.349	ug/L	98

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

