

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033022\
 Data File : VW025323.D
 Acq On : 30 Mar 2022 18:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005359

Quant Time: Mar 31 01:30:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 31 01:26:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	149059	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142070	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72887	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67688	4.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.568	69	57199	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.111	63	138608	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.899	46	72139	52.013	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.020%
24) Chloroform-d	4.352	84	91500	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.034	65	38863	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.050	84	178115	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.072	67	49444	4.909	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.313	98	166935	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	7.622	79	16757	5.099	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.088	63	56056	47.232	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.460%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	31938	4.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	54441	4.651	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	71875	4.828	ug/L	99
3) Chloromethane	1.243	50	84451	4.809	ug/L	99
5) Vinyl chloride	1.314	62	90343	4.606	ug/L	97
6) Bromomethane	1.523	94	59849	5.140	ug/L	100
8) Chloroethane	1.587	64	62290	5.061	ug/L	100
9) Trichlorofluoromethane	1.754	101	133203	5.024	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	69323	4.402	ug/L	99
12) 1,1-Dichloroethene	2.121	96	71207	4.745	ug/L	95
13) Acetone	2.178	43	67094	63.397	ug/L	80
14) Carbon disulfide	2.297	76	156408	5.031	ug/L	99
15) Methyl Acetate	2.442	43	14315	5.942	ug/L	93
16) Methylene chloride	2.510	84	58519	4.966	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	102288	5.388	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	56988	5.291	ug/L	99
19) 1,1-Dichloroethane	3.191	63	97536	5.424	ug/L	99
21) 2-Butanone	3.979	43	89030	61.136	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	59882	5.472	ug/L	92
23) Bromochloromethane	4.249	128	26150	5.729	ug/L	92
25) Chloroform	4.374	83	107616	5.394	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	56664	5.500	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	92816	5.403	ug/L	99
30) Cyclohexane	4.677	56	72402	4.713	ug/L	96
31) Carbon tetrachloride	4.828	117	78719	5.294	ug/L	99
33) Benzene	5.101	78	225986	5.423	ug/L	100
34) Trichloroethene	5.915	95	59171	5.171	ug/L	98
35) Methylcyclohexane	6.130	83	83160	4.638	ug/L	98
37) 1,2-Dichloropropane	6.172	63	52228	5.403	ug/L	99
38) Bromodichloromethane	6.509	83	69070	5.640	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	67085	5.352	ug/L	95
40) 4-Methyl-2-pentanone	7.226	43	216725	56.152	ug/L	99
42) Toluene	7.387	91	245470	5.518	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	52930	5.372	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	38225	5.775	ug/L	98
47) Tetrachloroethene	7.976	164	44018	5.217	ug/L	97
48) 2-Hexanone	8.136	43	158703	57.492	ug/L	99
49) Dibromochloromethane	8.246	129	41161	5.779	ug/L	98
50) 1,2-Dibromoethane	8.352	107	34229	5.551	ug/L #	96
51) Chlorobenzene	8.879	112	155883	5.426	ug/L	99
52) Ethylbenzene	9.011	91	250345	5.306	ug/L	98
53) m,p-Xylene	9.136	106	98318	5.358	ug/L	98
54) o-Xylene	9.541	106	94649	5.395	ug/L	95
55) Styrene	9.561	104	163244	5.659	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	37364	5.415	ug/L	100
59) Bromoform	9.731	173	17863	5.996	ug/L	99
60) Isopropylbenzene	9.931	105	252234	5.218	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	29308	5.314	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	105013	4.845	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	198206	5.125	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	118151	5.219	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	115511	5.095	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	104737	5.257	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.426	75	4934	4.997	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	82428	5.047	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	64098	5.202	ug/L	96
71) Naphthalene	13.500	128	99992	5.207	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55238	5.203	ug/L	98

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

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