

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041922\
 Data File : VW025635.D
 Acq On : 19 Apr 2022 17:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005385

Quant Time: Apr 20 02:53:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 20 02:46:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108568	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	108293	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44588	4.417	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.568	69	43341	4.036	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.111	63	89594	4.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.905	46	71531	58.260	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.520%
24) Chloroform-d	4.349	84	78286	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.037	65	37927	5.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
32) Benzene-d6	5.053	84	146337	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.072	67	44667	5.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.317	98	132081	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.625	79	14127	4.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.088	63	52943	51.359	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28462	5.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	42484	4.467	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	33839	3.450	ug/L	97
3) Chloromethane	1.243	50	60343	5.662	ug/L	96
5) Vinyl chloride	1.310	62	55122	4.577	ug/L	100
6) Bromomethane	1.523	94	37509	4.320	ug/L	99
8) Chloroethane	1.587	64	41307	4.444	ug/L	99
9) Trichlorofluoromethane	1.754	101	69808	4.127	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37024	3.896	ug/L	97
12) 1,1-Dichloroethene	2.121	96	39701	4.216	ug/L	88
13) Acetone	2.188	43	56979	68.373	ug/L	94
14) Carbon disulfide	2.294	76	80683	3.579	ug/L	98
15) Methyl Acetate	2.442	43	13492	7.285	ug/L #	88
16) Methylene chloride	2.510	84	44854	4.913	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	84413	5.793	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	33037	4.187	ug/L	99
19) 1,1-Dichloroethane	3.191	63	73783	5.521	ug/L	96
21) 2-Butanone	3.985	43	78878	68.499	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	40097	4.827	ug/L	100
23) Bromochloromethane	4.256	128	18100	5.248	ug/L	96
25) Chloroform	4.378	83	78716	5.580	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43082	5.788	ug/L	95
29) 1,1,1-Trichloroethane	4.609	97	57032	4.465	ug/L	97
30) Cyclohexane	4.680	56	37681	3.245	ug/L	97
31) Carbon tetrachloride	4.828	117	43806	4.055	ug/L	99
33) Benzene	5.101	78	148463	4.641	ug/L	100
34) Trichloroethene	5.915	95	34743	4.090	ug/L	99
35) Methylcyclohexane	6.130	83	42238	3.117	ug/L	95
37) 1,2-Dichloropropane	6.175	63	39145	5.289	ug/L	99
38) Bromodichloromethane	6.510	83	49935	5.435	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	44567	4.595	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	202866	68.462	ug/L	95
42) Toluene	7.387	91	145835	4.191	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	39173	5.199	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	28527	5.756	ug/L	98
47) Tetrachloroethene	7.976	164	23950	3.602	ug/L	96
48) 2-Hexanone	8.140	43	145108	70.269	ug/L	95
49) Dibromochloromethane	8.246	129	30135	5.539	ug/L	97
50) 1,2-Dibromoethane	8.352	107	25032	5.377	ug/L	100
51) Chlorobenzene	8.882	112	91082	4.099	ug/L	96
52) Ethylbenzene	9.011	91	137035	3.692	ug/L	99
53) m,p-Xylene	9.140	106	53216	3.771	ug/L	98
54) o-Xylene	9.542	106	52081	3.800	ug/L	97
55) Styrene	9.561	104	90766	4.073	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	27939	5.642	ug/L	99
59) Bromoform	9.731	173	13229	5.650	ug/L	95
60) Isopropylbenzene	9.931	105	130929	3.729	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	23157	6.198	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	55283	3.531	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	100861	3.575	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	65946	4.023	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	65645	3.945	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	61668	4.248	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	3808	5.895	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	46520	3.730	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	34885	3.629	ug/L	99
71) Naphthalene	13.500	128	56535	4.009	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	30472	3.828	ug/L	98

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

