

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025060.D
 Acq On : 16 Mar 2022 20:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005334

Quant Time: Mar 17 02:06:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 01:58:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	164799	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52318	4.021	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.571	69	41803	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.111	63	94708	4.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	3.899	46	97095	61.750	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.500%
24) Chloroform-d	4.352	84	102002	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.034	65	42688	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.053	84	200712	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.072	67	59596	4.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.317	98	180951	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.622	79	19711	4.329	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.088	63	79778	51.365	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39075	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	58805	4.597	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	69668	4.785	ug/L	98
3) Chloromethane	1.243	50	69476	5.059	ug/L	99
5) Vinyl chloride	1.314	62	76378	5.271	ug/L	100
6) Bromomethane	1.526	94	48425	5.172	ug/L	100
8) Chloroethane	1.587	64	46942	5.343	ug/L	99
9) Trichlorofluoromethane	1.757	101	101447	5.148	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	53007	4.961	ug/L	99
12) 1,1-Dichloroethene	2.121	96	57374	5.465	ug/L	98
13) Acetone	2.188	43	67835	64.506	ug/L	81
14) Carbon disulfide	2.297	76	186328	4.960	ug/L	99
15) Methyl Acetate	2.445	43	18313	6.356	ug/L	94
16) Methylene chloride	2.510	84	67591	5.313	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	128600	5.624	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	67711	5.359	ug/L	100
19) 1,1-Dichloroethane	3.191	63	117977	5.487	ug/L	99
21) 2-Butanone	3.979	43	111657	67.273	ug/L	87
22) cis-1,2-Dichloroethene	3.912	96	70041	5.491	ug/L	99
23) Bromochloromethane	4.252	128	27286	5.426	ug/L	95
25) Chloroform	4.378	83	123395	5.512	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	60822	5.463	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	105300	5.273	ug/L	98
30) Cyclohexane	4.680	56	92721	4.772	ug/L	98
31) Carbon tetrachloride	4.828	117	89663	5.234	ug/L	99
33) Benzene	5.101	78	272240	5.345	ug/L	100
34) Trichloroethene	5.915	95	71278	5.256	ug/L	98
35) Methylcyclohexane	6.130	83	95660	4.456	ug/L	99
37) 1,2-Dichloropropane	6.175	63	65010	5.554	ug/L	99
38) Bromodichloromethane	6.510	83	79415	5.366	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	84122	5.177	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	278195	57.765	ug/L	98
42) Toluene	7.387	91	287214	5.389	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	66817	5.225	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	43495	5.564	ug/L	99
47) Tetrachloroethene	7.976	164	49096	5.146	ug/L	96
48) 2-Hexanone	8.140	43	194827	57.063	ug/L	98
49) Dibromochloromethane	8.246	129	47372	5.414	ug/L	96
50) 1,2-Dibromoethane	8.352	107	39060	5.460	ug/L	99
51) Chlorobenzene	8.879	112	177604	5.321	ug/L	99
52) Ethylbenzene	9.011	91	304358	5.398	ug/L	97
53) m,p-xylene	9.136	106	116524	5.366	ug/L	100
54) o-xylene	9.542	106	113550	5.469	ug/L	97
55) Styrene	9.561	104	192826	5.702	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	44348	5.787	ug/L	99
59) Bromoform	9.731	173	20426	5.019	ug/L	98
60) Isopropylbenzene	9.931	105	303153	5.320	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34504	5.430	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	132717	5.133	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	244835	5.346	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	130702	5.288	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	128448	5.155	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	118120	5.393	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	5864	5.383	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	86657	4.963	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	69985	5.144	ug/L	97
71) Naphthalene	13.500	128	122853	5.438	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	62708	5.440	ug/L	99

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

