

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025167.D
 Acq On : 24 Mar 2022 22:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

Quant Time: Mar 25 03:13:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	150186	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	142300	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67689	5.709	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.200%
7) Chloroethane-d5	1.571	69	53022	6.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.200%
11) 1,1-Dichloroethene-d2	2.111	63	111016	5.793	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.800%
20) 2-Butanone-d5	3.895	46	100309	70.001	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.000%#
24) Chloroform-d	4.352	84	118612	6.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.600%
26) 1,2-Dichloroethane-d4	5.037	65	49719	6.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.000%
32) Benzene-d6	5.053	84	247857	6.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.000%
36) 1,2-Dichloropropane-d6	6.069	67	69742	5.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.600%
41) Toluene-d8	7.317	98	230415	6.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.400%
43) trans-1,3-Dichloroprop...	7.625	79	22295	5.388	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.800%
46) 2-Hexanone-d5	8.088	63	84352	59.762	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43606	6.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	72447	6.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	56512	4.259	ug/L	99
3) Chloromethane	1.243	50	54937	4.390	ug/L	100
5) Vinyl chloride	1.314	62	62854	4.760	ug/L	100
6) Bromomethane	1.523	94	37927	4.445	ug/L	99
8) Chloroethane	1.587	64	39594	4.945	ug/L	100
9) Trichlorofluoromethane	1.757	101	88352	4.920	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	46766	4.802	ug/L	98
12) 1,1-Dichloroethene	2.121	96	49033	5.125	ug/L	89
13) Acetone	2.185	43	58234	60.764	ug/L	79
14) Carbon disulfide	2.297	76	143499	4.192	ug/L	100
15) Methyl Acetate	2.442	43	15746	5.997	ug/L	96
16) Methylene chloride	2.510	84	59746	5.154	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	110751	5.314	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	58012	5.038	ug/L	97
19) 1,1-Dichloroethane	3.191	63	101863	5.198	ug/L	99
21) 2-Butanone	3.979	43	91370	60.407	ug/L	80
22) cis-1,2-Dichloroethene	3.915	96	63567	5.468	ug/L	99
23) Bromochloromethane	4.252	128	26007	5.675	ug/L	90
25) Chloroform	4.378	83	110819	5.431	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	52299	5.155	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	94449	5.205	ug/L	99
30) Cyclohexane	4.680	56	75059	4.251	ug/L	97
31) Carbon tetrachloride	4.831	117	77176	4.957	ug/L	99
33) Benzene	5.101	78	235340	5.085	ug/L	100
34) Trichloroethene	5.915	95	60974	4.948	ug/L	98
35) Methylcyclohexane	6.130	83	77776	3.987	ug/L	99
37) 1,2-Dichloropropane	6.175	63	54866	5.158	ug/L	100
38) Bromodichloromethane	6.510	83	68770	5.113	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	70448	4.770	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	231162	52.817	ug/L	98
42) Toluene	7.387	91	252271	5.208	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	56201	4.836	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	39670	5.584	ug/L	99
47) Tetrachloroethene	7.976	164	40929	4.721	ug/L	98
48) 2-Hexanone	8.140	43	164533	53.027	ug/L	96
49) Dibromochloromethane	8.246	129	41365	5.202	ug/L	99
50) 1,2-Dibromoethane	8.352	107	35761	5.500	ug/L #	99
51) Chlorobenzene	8.882	112	160646	5.296	ug/L	99
52) Ethylbenzene	9.011	91	257400	5.023	ug/L	99
53) m,p-Xylene	9.140	106	99696	5.052	ug/L	97
54) o-Xylene	9.542	106	98677	5.229	ug/L	98
55) Styrene	9.561	104	165407	5.382	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	40980	5.884	ug/L	99
59) Bromoform	9.731	173	17083	4.480	ug/L	97
60) Isopropylbenzene	9.931	105	256769	4.809	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	30961	5.199	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	115506	4.767	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	206181	4.805	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	114855	4.959	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	114129	4.888	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	106326	5.181	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5328	5.219	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	75404	4.609	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	60264	4.727	ug/L	99
71) Naphthalene	13.500	128	102198	4.828	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54059	5.005	ug/L	98

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

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