

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024743.D
 Acq On : 17 Feb 2022 23:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

Quant Time: Feb 18 07:38:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	171423	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	162763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	73173	5.033	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.600%		
7) Chloroethane-d5	1.568	69	58849	4.934	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 98.600%		
11) 1,1-Dichloroethene-d2	2.111	63	130139	4.884	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 97.600%		
20) 2-Butanone-d5	3.889	46	125936	60.638	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 121.280%		
24) Chloroform-d	4.349	84	115979	5.112	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.200%		
26) 1,2-Dichloroethane-d4	5.034	65	53677	5.308	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.200%		
32) Benzene-d6	5.050	84	234747	4.999	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.000%		
36) 1,2-Dichloropropane-d6	6.072	67	70762	5.121	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.400%		
41) Toluene-d8	7.317	98	217526	5.098	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.000%		
43) trans-1,3-Dichloroprop...	7.622	79	24313	5.282	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 105.600%		
46) 2-Hexanone-d5	8.088	63	107462	59.327	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 118.660%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45394	5.451	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 109.000%		
66) 1,2-Dichlorobenzene-d4	11.622	152	68519	5.217	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	81321	4.865	ug/L	100
3) Chloromethane	1.243	50	84768	5.077	ug/L	99
5) Vinyl chloride	1.311	62	91203	4.976	ug/L	98
6) Bromomethane	1.523	94	51514	4.705	ug/L	100
8) Chloroethane	1.587	64	54313	4.811	ug/L	100
9) Trichlorofluoromethane	1.754	101	117872	4.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	65932	4.719	ug/L	99
12) 1,1-Dichloroethene	2.121	96	64342	4.820	ug/L	97
13) Acetone	2.179	43	80451	54.930	ug/L	95
14) Carbon disulfide	2.294	76	183752	4.904	ug/L	100
15) Methyl Acetate	2.439	43	22689	5.917	ug/L	96
16) Methylene chloride	2.510	84	64976	4.943	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	140674	5.360	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	64212	4.925	ug/L	95
19) 1,1-Dichloroethane	3.192	63	119976	5.025	ug/L	99
21) 2-Butanone	3.973	43	139492	61.632	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	70762	5.134	ug/L	99
23) Bromochloromethane	4.253	128	27687	5.198	ug/L	90
25) Chloroform	4.378	83	125063	5.015	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	68440	5.142	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	108178	4.952	ug/L	99
30) Cyclohexane	4.680	56	107022	4.830	ug/L	99
31) Carbon tetrachloride	4.828	117	90687	4.938	ug/L	98
33) Benzene	5.101	78	272545	4.946	ug/L	100
34) Trichloroethene	5.915	95	71300	4.884	ug/L	96
35) Methylcyclohexane	6.130	83	111930	4.746	ug/L	99
37) 1,2-Dichloropropane	6.175	63	65601	5.038	ug/L	100
38) Bromodichloromethane	6.510	83	83624	5.103	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	90651	5.020	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	354880	57.301	ug/L	99
42) Toluene	7.387	91	298385	5.086	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	73013	5.060	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	44733	5.281	ug/L	99
47) Tetrachloroethene	7.976	164	46349	4.663	ug/L	98
48) 2-Hexanone	8.137	43	253815	58.288	ug/L	99
49) Dibromochloromethane	8.246	129	47639	5.068	ug/L	97
50) 1,2-Dibromoethane	8.352	107	41161	5.326	ug/L	98
51) Chlorobenzene	8.879	112	180453	4.916	ug/L	98
52) Ethylbenzene	9.011	91	313956	4.903	ug/L	100
53) m,p-xylene	9.137	106	119719	4.946	ug/L	99
54) o-xylene	9.542	106	115906	4.900	ug/L	99
55) Styrene	9.561	104	196851	5.116	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	47023	5.249	ug/L	99
59) Bromoform	9.731	173	19869	5.171	ug/L	97
60) Isopropylbenzene	9.931	105	310742	4.949	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	36590	5.319	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	261509	4.996	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	261740	5.038	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	131145	4.953	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	130574	4.937	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	119250	5.105	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6699	5.696	ug/L	95
69) 1,3,5-Trichlorobenzene	12.645	180	87827	4.677	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	73621	4.977	ug/L	100
71) Naphthalene	13.500	128	134246	5.336	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	63146	5.100	ug/L	100

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

