

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024720.D
 Acq On : 17 Feb 2022 13:59
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV213

Quant Time: Feb 18 07:28:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:18:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	182128	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	169173	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	75934	4.915	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.568	69	60109	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.108	63	133042	4.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	3.896	46	116254	52.686	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.380%
24) Chloroform-d	4.346	84	118626	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.031	65	52190	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.047	84	243485	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.066	67	70906	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.313	98	221743	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	7.619	79	25929	5.419	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.400%
46) 2-Hexanone-d5	8.088	63	96757	51.393	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42548	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	67819	4.901	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	90434	5.092	ug/L	99
3) Chloromethane	1.243	50	89655	5.054	ug/L	99
5) Vinyl chloride	1.310	62	98046	5.035	ug/L	98
6) Bromomethane	1.523	94	55713	4.789	ug/L	99
8) Chloroethane	1.587	64	57939	4.830	ug/L	99
9) Trichlorofluoromethane	1.754	101	124100	4.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	71964	4.848	ug/L	100
12) 1,1-Dichloroethene	2.117	96	67557	4.763	ug/L	92
13) Acetone	2.188	43	77290	49.670	ug/L	97
14) Carbon disulfide	2.294	76	202234	5.080	ug/L	99
15) Methyl Acetate	2.439	43	19949	4.897	ug/L	100
16) Methylene chloride	2.507	84	74535	5.337	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	139623	5.008	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	70077	5.059	ug/L	99
19) 1,1-Dichloroethane	3.188	63	126985	5.006	ug/L	100
21) 2-Butanone	3.976	43	129919	54.029	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	72777	4.970	ug/L	98
23) Bromochloromethane	4.246	128	28385	5.015	ug/L	97
25) Chloroform	4.375	83	127360	4.806	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	69357	4.904	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	113327	4.991	ug/L	99
30) Cyclohexane	4.677	56	115325	5.008	ug/L	98
31) Carbon tetrachloride	4.825	117	96051	5.032	ug/L	100
33) Benzene	5.098	78	287410	5.018	ug/L	100
34) Trichloroethene	5.912	95	76095	5.015	ug/L	99
35) Methylcyclohexane	6.127	83	127424	5.198	ug/L	99
37) 1,2-Dichloropropane	6.172	63	68876	5.089	ug/L	99
38) Bromodichloromethane	6.506	83	84963	4.988	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	97734	5.207	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	328613	51.049	ug/L	99
42) Toluene	7.384	91	310033	5.084	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	78651	5.244	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	43514	4.943	ug/L	98
47) Tetrachloroethene	7.973	164	51530	4.987	ug/L	98
48) 2-Hexanone	8.137	43	232593	51.391	ug/L	99
49) Dibromochloromethane	8.246	129	49863	5.104	ug/L	99
50) 1,2-Dibromoethane	8.352	107	40799	5.079	ug/L	99
51) Chlorobenzene	8.879	112	190169	4.985	ug/L	100
52) Ethylbenzene	9.011	91	340497	5.116	ug/L	100
53) m,p-xylene	9.136	106	128874	5.122	ug/L	100
54) o-xylene	9.542	106	125056	5.087	ug/L	100
55) Styrene	9.558	104	206362	5.160	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	46084	4.949	ug/L	99
59) Bromoform	9.731	173	21916	5.414	ug/L	95
60) Isopropylbenzene	9.931	105	339430	5.131	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	35464	4.894	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	283597	5.143	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	285568	5.217	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	141873	5.086	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	141961	5.095	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	124781	5.071	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6122	4.941	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	101265	5.119	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	81816	5.250	ug/L	99
71) Naphthalene	13.500	128	142341	5.371	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	68552	5.256	ug/L	99

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

