

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025196.D
 Acq On : 26 Mar 2022 14:04
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV230

Quant Time: Mar 28 01:38:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:28:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	167048	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77225	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75880	4.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.568	69	63608	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.108	63	165473	4.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	3.908	46	71379	45.923	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.840%
24) Chloroform-d	4.346	84	97850	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.031	65	43783	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.047	84	196956	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.066	67	53271	4.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.313	98	187017	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	7.622	79	18276	5.114	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.088	63	67190	52.061	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36327	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	61749	4.979	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	82568	4.949	ug/L	98
3) Chloromethane	1.240	50	100167	5.090	ug/L	99
5) Vinyl chloride	1.311	62	111770	5.085	ug/L	97
6) Bromomethane	1.523	94	66568	5.102	ug/L	97
8) Chloroethane	1.584	64	68880	4.993	ug/L	99
9) Trichlorofluoromethane	1.751	101	147911	4.978	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	85848	4.864	ug/L	99
12) 1,1-Dichloroethene	2.118	96	85840	5.104	ug/L	98
13) Acetone	2.211	43	50551	42.621	ug/L	84
14) Carbon disulfide	2.291	76	178302	5.118	ug/L	98
15) Methyl Acetate	2.446	43	12270	4.544	ug/L #	85
16) Methylene chloride	2.507	84	60467	4.579	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	106693	5.014	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	61083	5.060	ug/L	99
19) 1,1-Dichloroethane	3.188	63	100479	4.986	ug/L	99
21) 2-Butanone	3.992	43	75467	46.242	ug/L	83
22) cis-1,2-Dichloroethene	3.908	96	61353	5.003	ug/L	99
23) Bromochloromethane	4.246	128	26950	5.268	ug/L	94
25) Chloroform	4.371	83	107515	4.809	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	56596	4.902	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	95115	5.092	ug/L	99
30) Cyclohexane	4.674	56	84047	5.031	ug/L	97
31) Carbon tetrachloride	4.825	117	83662	5.174	ug/L	99
33) Benzene	5.095	78	232234	5.125	ug/L	100
34) Trichloroethene	5.912	95	62980	5.061	ug/L	97
35) Methylcyclohexane	6.127	83	100284	5.143	ug/L	99
37) 1,2-Dichloropropane	6.172	63	53889	5.127	ug/L	99
38) Bromodichloromethane	6.510	83	69908	5.249	ug/L	96
39) cis-1,3-Dichloropropene	7.024	75	71441	5.241	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	221119	52.683	ug/L	99
42) Toluene	7.384	91	256504	5.302	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	56499	5.273	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	36711	5.101	ug/L	97
47) Tetrachloroethene	7.973	164	47987	5.230	ug/L	97
48) 2-Hexanone	8.140	43	152665	50.857	ug/L	98
49) Dibromochloromethane	8.243	129	40653	5.249	ug/L	97
50) 1,2-Dibromoethane	8.349	107	35384	5.277	ug/L	98
51) Chlorobenzene	8.879	112	161722	5.176	ug/L	99
52) Ethylbenzene	9.008	91	271461	5.290	ug/L	99
53) m,p-Xylene	9.137	106	106702	5.347	ug/L	100
54) o-Xylene	9.542	106	102062	5.350	ug/L	95
55) Styrene	9.558	104	170045	5.421	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	38213	5.093	ug/L	97
59) Bromoform	9.728	173	17045	5.400	ug/L	98
60) Isopropylbenzene	9.928	105	272073	5.312	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29688	5.081	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	118863	5.176	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	220843	5.390	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	124705	5.199	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	123441	5.139	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	110679	5.243	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5521	5.277	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	88968	5.142	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	71447	5.472	ug/L	99
71) Naphthalene	13.500	128	115347	5.669	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62299	5.538	ug/L	97

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

