

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027290.D
 Acq On : 11 Aug 2022 20:02
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV212

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/14/2022
 Supervised By : Mahesh Dadoda 08/14/2022

Quant Time: Aug 12 02:06:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:58:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	161795	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165960	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	84717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	74517	5.301	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.000%		
7) Chloroethane-d5	1.558	69	50838	4.980	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 99.600%		
11) 1,1-Dichloroethene-d2	2.098	63	125139	4.909	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.200%		
20) 2-Butanone-d5	3.879	46	124389	52.251	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 104.500%		
24) Chloroform-d	4.342	84	131481	5.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.000%		
26) 1,2-Dichloroethane-d4	5.027	65	63044	5.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.600%		
32) Benzene-d6	5.043	84	249751	5.101	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.000%		
36) 1,2-Dichloropropane-d6	6.066	67	77461	5.117	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.400%		
41) Toluene-d8	7.313	98	234606	5.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.600%		
43) trans-1,3-Dichloroprop...	7.622	79	28551	5.445	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.000%		
46) 2-Hexanone-d5	8.088	63	108510	53.476	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 106.960%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55236	5.044	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	72671	4.970	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 99.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	92838	4.829	ug/L	99
3) Chloromethane	1.233	50	96023	4.993	ug/L	98
5) Vinyl chloride	1.304	62	86436	4.818	ug/L	100
6) Bromomethane	1.513	94	41178	4.916	ug/L	99
8) Chloroethane	1.577	64	48790	4.892	ug/L	99
9) Trichlorofluoromethane	1.744	101	112698	4.705	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	53754	4.779	ug/L	96
12) 1,1-Dichloroethene	2.108	96	55146	4.733	ug/L	96
13) Acetone	2.162	43	93062m	52.899	ug/L	
14) Carbon disulfide	2.285	76	217003	4.651	ug/L	99
15) Methyl Acetate	2.429	43	20452	4.775	ug/L	99
16) Methylene chloride	2.497	84	80417	4.298	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	136007	5.001	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	67459	4.707	ug/L	99
19) 1,1-Dichloroethane	3.182	63	134528	4.903	ug/L	100
21) 2-Butanone	3.963	43	134672	56.222	ug/L	87
22) cis-1,2-Dichloroethene	3.902	96	68734	4.877	ug/L	97
23) Bromochloromethane	4.243	128	33904	5.147	ug/L	98
25) Chloroform	4.368	83	138083	4.898	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	77093	4.785	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	112247	4.806	ug/L	99
30) Cyclohexane	4.670	56	90198	4.767	ug/L	99
31) Carbon tetrachloride	4.822	117	94702	4.659	ug/L	99
33) Benzene	5.095	78	278979	4.918	ug/L	100
34) Trichloroethene	5.911	95	65951	4.671	ug/L	98
35) Methylcyclohexane	6.127	83	93972	4.834	ug/L	97
37) 1,2-Dichloropropane	6.169	63	73619	5.251	ug/L	98
38) Bromodichloromethane	6.506	83	88733	4.911	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	88601	5.170	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	386678	53.440	ug/L	99
42) Toluene	7.384	91	285560	5.046	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	74366	4.960	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	50681	5.070	ug/L	97
47) Tetrachloroethene	7.973	164	52059	4.695	ug/L	95
48) 2-Hexanone	8.140	43	284580	54.808	ug/L	99
49) Dibromochloromethane	8.243	129	57576	4.921	ug/L	98
50) 1,2-Dibromoethane	8.352	107	44871	5.049	ug/L	100
51) Chlorobenzene	8.879	112	180231	4.889	ug/L	99
52) Ethylbenzene	9.011	91	269783	4.744	ug/L	98
53) m,p-Xylene	9.136	106	104786	4.832	ug/L	95
54) o-Xylene	9.542	106	100296	4.728	ug/L	99
55) Styrene	9.561	104	181452	4.975	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	55921	5.019	ug/L	95
59) Bromoform	9.731	173	27309	4.780	ug/L	98
60) Isopropylbenzene	9.931	105	257574	4.827	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	40786	4.999	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	68796	4.665	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	193567	4.578	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	131646	4.937	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	131059	4.885	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	121428	4.890	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	8496	4.985	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	91697	4.769	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	67232	4.679	ug/L	99
71) Naphthalene	13.500	128	104073	4.688	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62714	4.683	ug/L	95

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

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