

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031317.D
 Acq On : 01 Jun 2023 14:48
 Operator : SY/MD
 Sample : VSTD00555
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005255

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 02:05:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	130994	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	140277	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	75721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71426	6.224	ug/L	0.00
7) Chloroethane-d5	1.536	69	62095	5.308	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	33669	5.753	ug/L	0.00
20) 2-Butanone-d5	3.831	46	157846m	43.926	ug/L	0.00
24) Chloroform-d	4.259	84	117569	4.607	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	64900	4.787	ug/L	0.00
32) Benzene-d6	4.966	84	227569	4.677	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	76888	4.513	ug/L	0.00
41) Toluene-d8	7.249	98	229334	5.227	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	28672	4.995	ug/L	0.00
46) 2-Hexanone-d5	8.037	63	114650	43.517	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	60024	4.569	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	71338	4.691	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	90830	4.418	ug/L	100
3) Chloromethane	1.217	50	87849	4.479	ug/L	100
5) Vinyl chloride	1.282	62	89220	4.532	ug/L	100
6) Bromomethane	1.491	94	49955	4.543	ug/L	100
8) Chloroethane	1.552	64	55410	4.492	ug/L	100
9) Trichlorofluoromethane	1.716	101	128155	4.352	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	72103	4.373	ug/L	100
12) 1,1-Dichloroethene	2.073	96	60973	4.380	ug/L	100
13) Acetone	2.153	43	156274m	48.337	ug/L	
14) Carbon disulfide	2.243	76	184255	4.408	ug/L	100
15) Methyl Acetate	2.394	43	29999	5.128	ug/L	100
16) Methylene chloride	2.452	84	69264	3.680	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	135543	4.491	ug/L	100
18) trans-1,2-Dichloroethene	2.700	96	57261	4.349	ug/L	100
19) 1,1-Dichloroethane	3.118	63	128797	4.418	ug/L	100
21) 2-Butanone	3.908	43	204453m	49.733	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	56962	4.152	ug/L	100
23) Bromochloromethane	4.159	128	28746	4.656	ug/L	100
25) Chloroform	4.285	83	140455	4.588	ug/L	100
27) 1,2-Dichloroethane	5.053	62	79024	4.667	ug/L	100
29) 1,1,1-Trichloroethane	4.519	97	112173	4.140	ug/L	100
30) Cyclohexane	4.590	56	102500	4.068	ug/L	100
31) Carbon tetrachloride	4.741	117	99848	4.120	ug/L	100
33) Benzene	5.018	78	252701	4.289	ug/L	100
34) Trichloroethene	5.841	95	64513	3.993	ug/L	100
35) Methylcyclohexane	6.056	83	98797	4.139	ug/L	100
37) 1,2-Dichloropropane	6.101	63	67546	4.270	ug/L	100
38) Bromodichloromethane	6.439	83	93008	4.345	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	93903	4.354	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	458254	48.278	ug/L	100
42) Toluene	7.323	91	276742	4.503	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	82459	4.607	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	50266	4.536	ug/L	100
47) Tetrachloroethene	7.912	164	52407	4.260	ug/L	100
48) 2-Hexanone	8.085	43	361688	50.212	ug/L	100
49) Dibromochloromethane	8.182	129	55704	4.440	ug/L	100
50) 1,2-Dibromoethane	8.288	107	47885	4.503	ug/L	100
51) Chlorobenzene	8.821	112	161994	4.293	ug/L	100
52) Ethylbenzene	8.953	91	278802	4.322	ug/L	100
53) m,p-Xylene	9.079	106	104094	4.486	ug/L	100
54) o-Xylene	9.487	106	95067	4.355	ug/L	100
55) Styrene	9.503	104	177458	4.600	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	60214	4.557	ug/L	100
59) Bromoform	9.674	173	29317	4.191	ug/L	100
60) Isopropylbenzene	9.873	105	266800	4.300	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	43291	4.446	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	208780	4.139	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	220915	4.274	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	129943	4.335	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	132410	4.382	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	121283	4.373	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	9685	4.343	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	91276	4.127	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	69162	4.222	ug/L	100
71) Naphthalene	13.448	128	92901	4.043	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	63497	4.196	ug/L	100

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

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