

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051322\
 Data File : VW025893.D
 Acq On : 13 May 2022 16:08
 Operator : SY/MD
 Sample : VSTD00545
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005245

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/19/2022

Quant Time: May 14 06:59:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 06:57:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	167274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	169638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	94563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71326	4.154	ug/L	0.00
7) Chloroethane-d5	1.568	69	60429	4.013	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	153814	4.564	ug/L	0.00
20) 2-Butanone-d5	3.908	46	78575m	34.586	ug/L	0.00
24) Chloroform-d	4.352	84	115279	4.442	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	49076	4.300	ug/L	0.00
32) Benzene-d6	5.050	84	230255	4.483	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	65836	4.360	ug/L	0.00
41) Toluene-d8	7.317	98	218214	4.664	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	21256	4.419	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	76628	41.927	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41484	4.324	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	65439	4.188	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	88022	4.478	ug/L	100
3) Chloromethane	1.243	50	101751	4.462	ug/L	100
5) Vinyl chloride	1.310	62	108294	4.699	ug/L	100
6) Bromomethane	1.523	94	62916	4.941	ug/L	100
8) Chloroethane	1.587	64	70423	4.724	ug/L	100
9) Trichlorofluoromethane	1.754	101	147265	4.657	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	82275	4.796	ug/L	100
12) 1,1-Dichloroethene	2.121	96	80166	4.862	ug/L	100
13) Acetone	2.188	43	70356m	42.671	ug/L	
14) Carbon disulfide	2.294	76	201375	4.786	ug/L	100
15) Methyl Acetate	2.442	43	13399	3.503	ug/L	100
16) Methylene chloride	2.506	84	72332	4.538	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	120966	4.843	ug/L	100
18) trans-1,2-Dichloroethene	2.760	96	69014	4.788	ug/L	100
19) 1,1-Dichloroethane	3.191	63	129165	4.998	ug/L	100
21) 2-Butanone	3.989	43	108018m	48.442	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	69351	4.724	ug/L	100
23) Bromochloromethane	4.249	128	28519	4.763	ug/L	100
25) Chloroform	4.375	83	134022	4.965	ug/L	100
27) 1,2-Dichloroethane	5.133	62	70193	4.834	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	117267	5.004	ug/L	100
30) Cyclohexane	4.680	56	103046	4.858	ug/L	100
31) Carbon tetrachloride	4.828	117	98491	4.917	ug/L	100
33) Benzene	5.101	78	291058	5.037	ug/L	100
34) Trichloroethene	5.915	95	73200	4.814	ug/L	100
35) Methylcyclohexane	6.130	83	110338	4.741	ug/L	100
37) 1,2-Dichloropropane	6.172	63	66678	4.792	ug/L	100
38) Bromodichloromethane	6.509	83	84273	4.845	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	88825	5.085	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	316907	53.602	ug/L	100
42) Toluene	7.387	91	316541	5.130	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	71462	5.160	ug/L	100

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

45) 1,1,2-Trichloroethane	7.841	97	44781	4.991	ug/L	100
47) Tetrachloroethene	7.976	164	55786	4.323	ug/L	100
48) 2-Hexanone	8.140	43	226247	54.444	ug/L	100
49) Dibromochloromethane	8.246	129	49762	5.000	ug/L	100
50) 1,2-Dibromoethane	8.352	107	40432	5.068	ug/L	100
51) Chlorobenzene	8.882	112	192190	4.901	ug/L	100
52) Ethylbenzene	9.011	91	316504	4.954	ug/L	100
53) m,p-Xylene	9.136	106	124331	4.942	ug/L	100
54) o-Xylene	9.545	106	118319	4.970	ug/L	100
55) Styrene	9.561	104	203599	5.187	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	48484	5.033	ug/L	100
59) Bromoform	9.731	173	22795	4.997	ug/L	100
60) Isopropylbenzene	9.931	105	319922	4.910	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	37069	4.775	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	130266	4.664	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	246475	4.829	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	148146	4.930	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	145692	4.772	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	128617	4.811	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	7004	4.857	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	107178	4.737	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	78815	4.687	ug/L	100
71) Naphthalene	13.500	128	112603	4.701	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	68949	4.990	ug/L	100

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

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