

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090622\
 Data File : VW027743.D
 Acq On : 06 Sep 2022 15:35
 Operator : SY/MD
 Sample : VSTD01030
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010230

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Sep 07 05:16:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	144613	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	107974	7.548	ug/L	0.00
7) Chloroethane-d5	1.561	69	90661	7.491	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	229468	7.900	ug/L	0.00
20) 2-Butanone-d5	3.918	46	224021	85.152	ug/L	-0.03
24) Chloroform-d	4.339	84	213608	7.262	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	105208	7.823	ug/L	0.00
32) Benzene-d6	5.040	84	405086	7.211	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	113625	6.440	ug/L	0.00
41) Toluene-d8	7.310	98	378865	7.871	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	44119	8.282	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	190919	95.600	ug/L	-0.02
56) 1,1,2,2-Tetrachloroeth...	10.214	84	81748	7.392	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	133834	7.467	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	167017	9.089	ug/L	97
3) Chloromethane	1.240	50	151509	8.674	ug/L	98
5) Vinyl chloride	1.304	62	153332	9.138	ug/L	100
6) Bromomethane	1.516	94	79978	9.949	ug/L	95
8) Chloroethane	1.577	64	87847	9.245	ug/L	99
9) Trichlorofluoromethane	1.745	101	252271	10.819	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	119805	9.507	ug/L	99
12) 1,1-Dichloroethene	2.108	96	112443	9.620	ug/L	95
13) Acetone	2.240	43	161471m	91.037	ug/L	
14) Carbon disulfide	2.281	76	317390	8.654	ug/L	99
15) Methyl Acetate	2.439	43	46776	9.711	ug/L	98
16) Methylene chloride	2.497	84	121285	8.449	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	248106	9.771	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	115549	8.929	ug/L	94
19) 1,1-Dichloroethane	3.179	63	213049	8.412	ug/L	99
21) 2-Butanone	3.992	43	231300	95.685	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	117904	8.896	ug/L #	91
23) Bromochloromethane	4.236	128	53778	9.374	ug/L	91
25) Chloroform	4.365	83	234063	8.708	ug/L	99
27) 1,2-Dichloroethane	5.124	62	136968	9.098	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	215086	8.748	ug/L	98
30) Cyclohexane	4.664	56	169406	8.174	ug/L	98
31) Carbon tetrachloride	4.818	117	188092	8.948	ug/L	98
33) Benzene	5.088	78	474057	8.729	ug/L	100
34) Trichloroethene	5.908	95	117750	8.626	ug/L	97
35) Methylcyclohexane	6.124	83	191374	9.035	ug/L	97
37) 1,2-Dichloropropane	6.166	63	113704	8.215	ug/L	100
38) Bromodichloromethane	6.503	83	152781	8.721	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	157877	9.489	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	597273	99.696	ug/L	98
42) Toluene	7.381	91	510569	9.478	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	138596	10.214	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	77938	8.870	ug/L	98
47) Tetrachloroethene	7.969	164	100733	9.251	ug/L	95
48) 2-Hexanone	8.137	43	449417	99.963	ug/L	97
49) Dibromochloromethane	8.243	129	99049	9.442	ug/L	99
50) 1,2-Dibromoethane	8.349	107	71872	9.095	ug/L	96
51) Chlorobenzene	8.876	112	323006	9.426	ug/L	98
52) Ethylbenzene	9.008	91	538081	9.774	ug/L	100
53) m,p-Xylene	9.133	106	217023	10.206	ug/L	100
54) o-Xylene	9.538	106	205355	10.119	ug/L	97
55) Styrene	9.558	104	371879	10.765	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	87666	9.074	ug/L	98
59) Bromoform	9.728	173	51616	8.915	ug/L	99
60) Isopropylbenzene	9.927	105	555847	9.012	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	65783	8.184	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	150790	8.840	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	464089	9.580	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	272195	9.191	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	271712	9.184	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	247925	9.293	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	15089	9.342	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	218148	10.135	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	169448	10.594	ug/L	99
71) Naphthalene	13.500	128	234477	9.329	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	154068	10.664	ug/L	99

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

