

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027287.D
 Acq On : 11 Aug 2022 18:21
 Operator : SY/MD
 Sample : VSTD00509
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005209

Manual Integrations
 APPROVED

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

Quant Time: Aug 12 01:38:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:38:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	163980	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	169434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89666	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	74020	5.196	ug/L	0.00
7) Chloroethane-d5	1.561	69	52361	5.061	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	129743	5.022	ug/L	0.00
20) 2-Butanone-d5	3.883	46	119739	45.822	ug/L	0.00
24) Chloroform-d	4.343	84	132614	5.076	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	63524	5.103	ug/L	0.00
32) Benzene-d6	5.047	84	256012	5.122	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	77157	4.695	ug/L	0.00
41) Toluene-d8	7.313	98	247251	5.403	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	26819	5.010	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	107525	51.904	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56300	5.036	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	75141	4.855	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	99492	5.106	ug/L	100
3) Chloromethane	1.237	50	95318	4.890	ug/L	100
5) Vinyl chloride	1.307	62	88967	4.893	ug/L	100
6) Bromomethane	1.516	94	42233	4.975	ug/L	100
8) Chloroethane	1.581	64	49555	4.902	ug/L	100
9) Trichlorofluoromethane	1.748	101	124120	5.113	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	57548	5.048	ug/L	100
12) 1,1-Dichloroethene	2.111	96	58991	4.995	ug/L	100
13) Acetone	2.166	43	85558m	46.022	ug/L	
14) Carbon disulfide	2.285	76	231353	4.893	ug/L	100
15) Methyl Acetate	2.433	43	20162	4.644	ug/L	100
16) Methylene chloride	2.500	84	81581	4.302	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	134032	4.863	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	69640	4.795	ug/L	100
19) 1,1-Dichloroethane	3.185	63	136634	4.913	ug/L	100
21) 2-Butanone	3.966	43	106423	46.629	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	69790	4.886	ug/L	100
23) Bromochloromethane	4.243	128	33614	5.035	ug/L	100
25) Chloroform	4.368	83	139432	4.880	ug/L	100
27) 1,2-Dichloroethane	5.127	62	76224	4.668	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	118462	4.968	ug/L	100
30) Cyclohexane	4.670	56	97994	5.073	ug/L	100
31) Carbon tetrachloride	4.822	117	103459	4.986	ug/L	100
33) Benzene	5.095	78	290078	5.009	ug/L	100
34) Trichloroethene	5.912	95	70654	4.902	ug/L	100
35) Methylcyclohexane	6.127	83	101854	5.132	ug/L	100
37) 1,2-Dichloropropane	6.172	63	74437	5.200	ug/L	100
38) Bromodichloromethane	6.510	83	90388	4.900	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	85930	4.911	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	382751	51.813	ug/L	100
42) Toluene	7.384	91	306772	5.309	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	77963	5.093	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	51653	5.061	ug/L	100
47) Tetrachloroethene	7.973	164	56646	5.004	ug/L	100
48) 2-Hexanone	8.140	43	277624	53.369	ug/L	100
49) Dibromochloromethane	8.243	129	59456	4.977	ug/L	100
50) 1,2-Dibromoethane	8.352	107	46000	5.070	ug/L	100
51) Chlorobenzene	8.879	112	188226	5.001	ug/L	100
52) Ethylbenzene	9.011	91	297375	5.122	ug/L	100
53) m,p-Xylene	9.137	106	116443	5.259	ug/L	100
54) o-Xylene	9.542	106	111395	5.144	ug/L	100
55) Styrene	9.561	104	199971	5.370	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	58174	5.114	ug/L	100
59) Bromoform	9.731	173	29077	4.809	ug/L	100
60) Isopropylbenzene	9.931	105	287282	5.087	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	41442	4.799	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	74667	4.784	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	217205	4.854	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	141123	5.001	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	143232	5.044	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	132706	5.050	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	8435	4.676	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	99027	4.866	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	71027	4.671	ug/L	100
71) Naphthalene	13.500	128	105258	4.480	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	68064	4.802	ug/L	100

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

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