

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030302.D
 Acq On : 23 Mar 2023 10:56
 Operator : SY/MD
 Sample : VSTD01031
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010231

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 24 02:23:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:21:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	141269	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	138518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	82124	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	94794	10.132	ug/L	0.00
7) Chloroethane-d5	1.536	69	89855	9.896	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	63	227226	10.235	ug/L	0.00
20) 2-Butanone-d5	3.844	46	273405	118.949	ug/L	0.00
24) Chloroform-d	4.262	84	235049	10.380	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.954	65	113374	10.611	ug/L	0.00
32) Benzene-d6	4.970	84	428734	10.984	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	131960	10.798	ug/L	0.00
41) Toluene-d8	7.252	98	405581	11.315	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	49654	10.792	ug/L	0.00
46) 2-Hexanone-d5	8.037	63	224686	121.528	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	103533	10.749	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	154979	10.558	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	178991	9.966	ug/L	99
3) Chloromethane	1.214	50	218007	9.620	ug/L	100
5) Vinyl chloride	1.285	62	162628	9.844	ug/L	99
6) Bromomethane	1.491	94	44239	9.389	ug/L	99
8) Chloroethane	1.552	64	92375	9.761	ug/L	99
9) Trichlorofluoromethane	1.716	101	238515	9.904	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	128099	9.637	ug/L	99
12) 1,1-Dichloroethene	2.073	96	118970	10.079	ug/L	98
13) Acetone	2.175	43	213057	96.081	ug/L	81
14) Carbon disulfide	2.243	76	397078	10.213	ug/L	100
15) Methyl Acetate	2.397	43	46031m	12.060	ug/L	
16) Methylene chloride	2.452	84	128243	9.185	ug/L	98
17) Methyl tert-butyl Ether	2.716	73	262579	10.503	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	123808	9.956	ug/L	99
19) 1,1-Dichloroethane	3.118	63	241279	10.009	ug/L	98
21) 2-Butanone	3.915	43	302682	108.751	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	132090	10.584	ug/L	98
23) Bromochloromethane	4.159	128	58041	9.958	ug/L	97
25) Chloroform	4.288	83	245034	10.058	ug/L	96
27) 1,2-Dichloroethane	5.053	62	151683	10.298	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	224328	10.076	ug/L	98
30) Cyclohexane	4.593	56	219002	10.798	ug/L	99
31) Carbon tetrachloride	4.745	117	201631	9.981	ug/L	98
33) Benzene	5.021	78	525075	10.672	ug/L	100
34) Trichloroethene	5.841	95	136542	10.290	ug/L	99
35) Methylcyclohexane	6.060	83	226931	10.896	ug/L	99
37) 1,2-Dichloropropane	6.101	63	137482	10.885	ug/L	98
38) Bromodichloromethane	6.442	83	168485	10.186	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	189790	10.686	ug/L	98
40) 4-Methyl-2-pentanone	7.172	43	743438	111.700	ug/L	99
42) Toluene	7.323	91	577818	11.027	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	158091	10.461	ug/L	98

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45) 1,1,2-Trichloroethane	7.780	97	90658	10.194	ug/L	98
47) Tetrachloroethene	7.915	164	116755	9.970	ug/L	95
48) 2-Hexanone	8.088	43	561132	112.503	ug/L	99
49) Dibromochloromethane	8.185	129	108442	10.244	ug/L	95
50) 1,2-Dibromoethane	8.291	107	83947	10.375	ug/L	96
51) Chlorobenzene	8.822	112	351520	10.476	ug/L	99
52) Ethylbenzene	8.953	91	631082	11.007	ug/L	98
53) m,p-Xylene	9.082	106	241488	11.003	ug/L	98
54) o-Xylene	9.487	106	230089	10.957	ug/L	96
55) Styrene	9.503	104	405206	11.360	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	107304	10.165	ug/L	99
59) Bromoform	9.674	173	63053	9.499	ug/L	99
60) Isopropylbenzene	9.876	105	640717	10.579	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	70440	9.594	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	529831	10.721	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	552251	10.965	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	310693	10.288	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	310012	10.189	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	284156	10.441	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	16853	9.228	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	241688	10.394	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	189391	10.549	ug/L	98
71) Naphthalene	13.448	128	269941	10.528	ug/L	99
72) 1,2,3-Trichlorobenzene	13.690	180	168543	10.836	ug/L	98

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

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