

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082423\
 Data File : VW031881.D
 Acq On : 23 Aug 2023 20:51
 Operator : SY/MD
 Sample : VSTD01075
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010275

Quant Time: Aug 24 04:25:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:23:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/24/2023
 Supervised By :Mahesh Dadoda 08/24/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	114519	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109580	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42360	10.952	ug/L	0.00
7) Chloroethane-d5	1.532	69	49840	11.248	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	23882	10.491	ug/L	0.00
20) 2-Butanone-d5	3.809	46	200034	105.819	ug/L	0.00
24) Chloroform-d	4.252	84	142066	10.853	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	72330	10.723	ug/L	0.00
32) Benzene-d6	4.963	84	268814	10.781	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	90073	10.244	ug/L	0.00
41) Toluene-d8	7.246	98	246939	10.672	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	34625	10.799	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	197778	115.693	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	68280	10.824	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	97445	10.246	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	68594	10.487	ug/L	99
3) Chloromethane	1.214	50	70144	10.010	ug/L	99
5) Vinyl chloride	1.282	62	74124	10.321	ug/L	97
6) Bromomethane	1.487	94	44090	9.822	ug/L	100
8) Chloroethane	1.548	64	47279	10.307	ug/L	99
9) Trichlorofluoromethane	1.712	101	96964	10.467	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	57985	10.495	ug/L	96
12) 1,1-Dichloroethene	2.069	96	52863	10.254	ug/L	97
13) Acetone	2.143	43	97858m	82.477	ug/L	
14) Carbon disulfide	2.240	76	152119	10.490	ug/L	98
15) Methyl Acetate	2.388	43	25610	11.391	ug/L	100
16) Methylene chloride	2.449	84	67925	8.102	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	167098	10.447	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	59757	10.226	ug/L	96
19) 1,1-Dichloroethane	3.114	63	125482	10.426	ug/L	97
21) 2-Butanone	3.892	43	152424	99.003	ug/L	84
22) cis-1,2-Dichloroethene	3.815	96	69408	10.311	ug/L	98
23) Bromochloromethane	4.153	128	28550	10.689	ug/L	96
25) Chloroform	4.278	83	126880	10.342	ug/L	96
27) 1,2-Dichloroethane	5.047	62	78005	10.632	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	106896	10.099	ug/L	99
30) Cyclohexane	4.584	56	108283	9.954	ug/L	99
31) Carbon tetrachloride	4.738	117	88550	10.344	ug/L	98
33) Benzene	5.011	78	263953	10.457	ug/L	100
34) Trichloroethene	5.834	95	75480	10.231	ug/L	95
35) Methylcyclohexane	6.053	83	110169	10.259	ug/L	100
37) 1,2-Dichloropropane	6.098	63	67970	9.773	ug/L	99
38) Bromodichloromethane	6.436	83	93439	10.381	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	116697	11.030	ug/L	96
40) 4-Methyl-2-pentanone	7.162	43	467482	107.246	ug/L	94
42) Toluene	7.317	91	284938	10.161	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	95330	10.792	ug/L	100

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

45) 1,1,2-Trichloroethane	7.773	97	50733	10.192	ug/L	99
47) Tetrachloroethene	7.908	164	49098	10.418	ug/L	98
48) 2-Hexanone	8.079	43	333955	103.052	ug/L	99
49) Dibromochloromethane	8.178	129	55259	10.653	ug/L	96
50) 1,2-Dibromoethane	8.288	107	47200	10.485	ug/L	98
51) Chlorobenzene	8.818	112	180918	10.189	ug/L	99
52) Ethylbenzene	8.950	91	329303	10.214	ug/L	100
53) m,p-Xylene	9.075	106	123533	10.173	ug/L	98
54) o-Xylene	9.481	106	120264	10.249	ug/L	99
55) Styrene	9.500	104	212123	10.479	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	51407	10.200	ug/L	98
59) Bromoform	9.670	173	29376	10.587	ug/L	99
60) Isopropylbenzene	9.870	105	332533	10.186	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	44272	10.235	ug/L	97
62) 1,3,5-Trimethylbenzene	10.481	105	283571	10.134	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	281683	10.245	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	145987	10.098	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	146989	9.897	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	135369	10.231	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	9960	10.166	ug/L	88
69) 1,3,5-Trichlorobenzene	12.587	180	108335	10.080	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	97390	9.941	ug/L	99
71) Naphthalene	13.442	128	182563	9.892	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	82797	10.037	ug/L	100

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

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