

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092923\
 Data File : VW032185.D
 Acq On : 29 Sep 2023 11:11
 Operator : SY/MD
 Sample : VSTD01001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010201

Quant Time: Sep 30 04:09:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 30 04:07:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	109923	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106678	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	99373	14.068	ug/L	0.00
7) Chloroethane-d5	1.532	69	81389	11.881	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	41499	11.089	ug/L	0.00
20) 2-Butanone-d5	3.815	46	267564	120.044	ug/L	0.00
24) Chloroform-d	4.252	84	176429	9.644	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	84662	9.519	ug/L	0.00
32) Benzene-d6	4.963	84	359084	12.155	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	112028	10.906	ug/L	0.00
41) Toluene-d8	7.246	98	329234	12.489	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	45396	13.947	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	210811	136.536	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	83137	11.979	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	116894	11.476	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	126439	12.229	ug/L	98
3) Chloromethane	1.217	50	126659	12.510	ug/L	99
5) Vinyl chloride	1.281	62	121264	12.274	ug/L	99
6) Bromomethane	1.487	94	73059	11.477	ug/L	97
8) Chloroethane	1.552	64	72718	11.987	ug/L	98
9) Trichlorofluoromethane	1.715	101	145879	9.972	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87262	10.460	ug/L	98
12) 1,1-Dichloroethene	2.069	96	82238	11.097	ug/L	99
13) Acetone	2.156	43	191393	139.224	ug/L	95
14) Carbon disulfide	2.240	76	291454	13.564	ug/L	99
15) Methyl Acetate	2.391	43	42405	12.043	ug/L	99
16) Methylene chloride	2.449	84	98309	9.938	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	232915	14.248	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	92716	12.804	ug/L	98
19) 1,1-Dichloroethane	3.114	63	179627	12.066	ug/L	98
21) 2-Butanone	3.895	43	285033	147.752	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	102979	13.734	ug/L	97
23) Bromochloromethane	4.149	128	44006	12.163	ug/L	97
25) Chloroform	4.281	83	173810	11.201	ug/L	99
27) 1,2-Dichloroethane	5.047	62	104146	11.357	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	147454	11.758	ug/L	99
30) Cyclohexane	4.584	56	163465	16.492	ug/L	99
31) Carbon tetrachloride	4.738	117	127682	11.789	ug/L	98
33) Benzene	5.011	78	387599	14.116	ug/L	100
34) Trichloroethene	5.834	95	106611	13.699	ug/L	98
35) Methylcyclohexane	6.053	83	160637	16.735	ug/L	100
37) 1,2-Dichloropropane	6.098	63	103728	13.573	ug/L	100
38) Bromodichloromethane	6.436	83	126135	12.656	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	158944	16.560	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	675810	158.904	ug/L	99
42) Toluene	7.317	91	416752	15.147	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	127278	15.324	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	71390	12.465	ug/L	99
47) Tetrachloroethene	7.908	164	78125	13.753	ug/L	98
48) 2-Hexanone	8.079	43	492853	151.885	ug/L	99
49) Dibromochloromethane	8.181	129	79212	12.530	ug/L	96
50) 1,2-Dibromoethane	8.288	107	69274	13.155	ug/L	98
51) Chlorobenzene	8.818	112	262438	13.997	ug/L	99
52) Ethylbenzene	8.950	91	460565	16.037	ug/L	100
53) m,p-Xylene	9.075	106	171489	16.366	ug/L	100
54) o-Xylene	9.480	106	167275	16.793	ug/L	99
55) Styrene	9.500	104	291686	16.338	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	81603	13.836	ug/L	97
59) Bromoform	9.670	173	43365	12.365	ug/L	100
60) Isopropylbenzene	9.870	105	453448	16.631	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	61343	12.296	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	373496	16.737	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	377695	16.883	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	213053	14.419	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	212506	14.249	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	193593	13.888	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	13102	13.659	ug/L	97
69) 1,3,5-Trichlorobenzene	12.586	180	156305	14.632	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	139313	15.128	ug/L	100
71) Naphthalene	13.442	128	243056	17.418	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	123045	15.031	ug/L	98

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

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