

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092923\
 Data File : VW032182.D
 Acq On : 29 Sep 2023 09:58
 Operator : SY/MD
 Sample : VSTD0.578
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5278

Quant Time: Sep 30 04:08:01 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/02/2023
 Supervised By :Mahesh Dadoda 10/02/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	122679	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	57779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	4228	0.536	ug/L	0.00
7) Chloroethane-d5	1.532	69	3273	0.428	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	1795	0.430	ug/L	0.00
20) 2-Butanone-d5	3.866	46	10098m	4.059	ug/L	0.04
24) Chloroform-d	4.259	84	7276	0.356	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	3525	0.355	ug/L	0.01
32) Benzene-d6	4.969	84	13221	0.412	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	5644	0.505	ug/L	0.00
41) Toluene-d8	7.252	98	11772	0.411	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	1374	0.388	ug/L	0.01
46) 2-Hexanone-d5	8.046	63	6595	3.928	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.159	84	3199	0.424	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	4512	0.436	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	6395	0.554	ug/L	99
3) Chloromethane	1.217	50	6874	0.608	ug/L	96
5) Vinyl chloride	1.281	62	6263	0.568	ug/L	92
6) Bromomethane	1.490	94	3955	0.557	ug/L	87
8) Chloroethane	1.548	64	3897	0.576	ug/L	97
9) Trichlorofluoromethane	1.715	101	7282	0.446	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	4561	0.490	ug/L	96
12) 1,1-Dichloroethene	2.069	96	4318	0.522	ug/L	95
13) Acetone	2.146	43	9500	6.192	ug/L	99
14) Carbon disulfide	2.243	76	14751	0.615	ug/L	99
15) Methyl Acetate	2.394	43	2261m	0.575	ug/L	
16) Methylene chloride	2.449	84	6726	0.609	ug/L	93
17) Methyl tert-butyl Ether	2.709	73	11440	0.627	ug/L	96
18) trans-1,2-Dichloroethene	2.699	96	5155	0.638	ug/L	98
19) 1,1-Dichloroethane	3.117	63	9177	0.552	ug/L	98
21) 2-Butanone	3.937	43	14161m	6.577	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	5339	0.638	ug/L	95
23) Bromochloromethane	4.166	128	2244	0.556	ug/L #	93
25) Chloroform	4.284	83	9090	0.525	ug/L	97
27) 1,2-Dichloroethane	5.056	62	5340	0.522	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	7500	0.550	ug/L	97
30) Cyclohexane	4.583	56	8386	0.778	ug/L	97
31) Carbon tetrachloride	4.738	117	6065	0.515	ug/L	97
33) Benzene	5.021	78	19073	0.639	ug/L	100
34) Trichloroethene	5.844	95	5278	0.624	ug/L	95
35) Methylcyclohexane	6.053	83	8389	0.804	ug/L	98
37) 1,2-Dichloropropane	6.101	63	5432	0.654	ug/L #	92
38) Bromodichloromethane	6.442	83	5810	0.536	ug/L	97
39) cis-1,3-Dichloropropene	6.972	75	6923	0.663	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	31026	6.709	ug/L	97
42) Toluene	7.326	91	20376	0.681	ug/L	99
44) trans-1,3-Dichloropropene	7.599	75	5459	0.604	ug/L	100

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

45) 1,1,2-Trichloroethane	7.780	97	3759	0.604	ug/L	93
47) Tetrachloroethene	7.911	164	4197	0.679	ug/L	93
48) 2-Hexanone	8.091	43	20356	5.769	ug/L	95
49) Dibromochloromethane	8.185	129	3487	0.507	ug/L	98
50) 1,2-Dibromoethane	8.291	107	3430	0.599	ug/L #	89
51) Chlorobenzene	8.821	112	13723	0.673	ug/L	99
52) Ethylbenzene	8.953	91	22861	0.732	ug/L	96
53) m,p-Xylene	9.082	106	8287	0.727	ug/L	99
54) o-Xylene	9.484	106	7844	0.724	ug/L	99
55) Styrene	9.506	104	12670	0.653	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.188	83	3981	0.621	ug/L #	90
59) Bromoform	9.673	173	1958	0.550	ug/L #	95
60) Isopropylbenzene	9.873	105	20928	0.756	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	2977	0.587	ug/L	94
62) 1,3,5-Trimethylbenzene	10.480	105	17180	0.758	ug/L	93
63) 1,2,4-Trimethylbenzene	10.857	105	16582	0.730	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	10515	0.701	ug/L	98
65) 1,4-Dichlorobenzene	11.213	146	10909	0.720	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	9811	0.693	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	546	0.560	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.590	180	7777	0.717	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	6867	0.734	ug/L	95
71) Naphthalene	13.448	128	11759	0.830	ug/L	96
72) 1,2,3-Trichlorobenzene	13.686	180	5971	0.718	ug/L	95

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

