

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031878.D
 Acq On : 23 Aug 2023 18:42
 Operator : SY/MD
 Sample : VSTD0.572
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5272

Quant Time: Aug 24 04:24:03 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	5.538	114	127194	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	122052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	63875	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	1885	0.439	ug/L	0.00
7) Chloroethane-d5	1.532	69	2130	0.433	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	1231	0.487	ug/L	0.00
20) 2-Butanone-d5	3.912	46	7457m	3.552	ug/L	0.09
24) Chloroform-d	4.262	84	6219	0.428	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.969	65	3389	0.452	ug/L	0.02
32) Benzene-d6	4.976	84	11644	0.419	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	5049	0.516	ug/L	0.00
41) Toluene-d8	7.252	98	11628	0.451	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	1729	0.484	ug/L	0.01
46) 2-Hexanone-d5	8.053	63	7124m	3.741	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.159	84	3111	0.443	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	5078	0.491	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	3749	0.516	ug/L	99
3) Chloromethane	1.217	50	4320	0.555	ug/L	98
5) Vinyl chloride	1.285	62	4067	0.510	ug/L	87
6) Bromomethane	1.490	94	2846	0.571	ug/L	91
8) Chloroethane	1.552	64	2699	0.530	ug/L	98
9) Trichlorofluoromethane	1.715	101	5157	0.501	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	3069	0.500	ug/L	94
12) 1,1-Dichloroethene	2.072	96	2966	0.518	ug/L #	76
13) Acetone	2.153	43	7217m	5.477	ug/L	
14) Carbon disulfide	2.243	76	8446	0.524	ug/L	99
15) Methyl Acetate	2.407	43	1084	0.434	ug/L #	69
16) Methylene chloride	2.452	84	6850	0.736	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	9097	0.512	ug/L #	95
18) trans-1,2-Dichloroethene	2.699	96	3595	0.554	ug/L	98
19) 1,1-Dichloroethane	3.117	63	6819	0.510	ug/L	98
21) 2-Butanone	3.966	43	9188m	5.373	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	3674	0.491	ug/L	97
23) Bromochloromethane	4.162	128	1389	0.468	ug/L	93
25) Chloroform	4.285	83	7137	0.524	ug/L	99
27) 1,2-Dichloroethane	5.059	62	4209	0.517	ug/L #	83
29) 1,1,1-Trichloroethane	4.522	97	5879	0.499	ug/L	99
30) Cyclohexane	4.587	56	6726	0.555	ug/L	92
31) Carbon tetrachloride	4.738	117	4646	0.487	ug/L	96
33) Benzene	5.021	78	13213	0.470	ug/L	100
34) Trichloroethene	5.844	95	4437	0.540	ug/L	95
35) Methylcyclohexane	6.056	83	6076	0.508	ug/L	94
37) 1,2-Dichloropropane	6.104	63	4160	0.537	ug/L #	92
38) Bromodichloromethane	6.445	83	5031	0.502	ug/L #	97
39) cis-1,3-Dichloropropene	6.973	75	5520	0.468	ug/L	92
40) 4-Methyl-2-pentanone	7.175	43	24756m	5.099	ug/L	
42) Toluene	7.326	91	16548	0.530	ug/L	97
44) trans-1,3-Dichloropropene	7.599	75	4533	0.461	ug/L	84

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

45) 1,1,2-Trichloroethane	7.783	97	3110	0.561	ug/L	89
47) Tetrachloroethene	7.911	164	2649	0.505	ug/L	98
48) 2-Hexanone	8.098	43	18812m	5.212	ug/L	
49) Dibromochloromethane	8.185	129	2729	0.472	ug/L	83
50) 1,2-Dibromoethane	8.297	107	2578	0.514	ug/L #	90
51) Chlorobenzene	8.821	112	10137	0.513	ug/L	93
52) Ethylbenzene	8.953	91	18261	0.509	ug/L	96
53) m,p-Xylene	9.082	106	6903	0.510	ug/L	98
54) o-Xylene	9.487	106	6596	0.505	ug/L	98
55) Styrene	9.506	104	11042	0.490	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	2923	0.521	ug/L	97
59) Bromoform	9.677	173	1380	0.457	ug/L #	91
60) Isopropylbenzene	9.873	105	18232	0.513	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	2412	0.513	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.480	105	15352	0.504	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	14613	0.489	ug/L	97
64) 1,3-Dichlorobenzene	11.127	146	8022	0.510	ug/L	94
65) 1,4-Dichlorobenzene	11.213	146	8597	0.532	ug/L	92
67) 1,2-Dichlorobenzene	11.586	146	7471	0.519	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	499	0.468	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	5980	0.512	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	5860	0.550	ug/L	94
71) Naphthalene	13.448	128	11936	0.595	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	4931	0.550	ug/L	98

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

