

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102023\
 Data File : VW032558.D
 Acq On : 21 Oct 2023 05:36
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

Quant Time: Oct 23 03:01:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/23/2023
 Supervised By : Mahesh Dadoda 10/24/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	83279	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	95947	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31623	4.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.532	69	29684	5.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.000%
11) 1,1-Dichloroethene-d2	2.060	65	13789	4.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	3.822	46	84777	49.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.960%
24) Chloroform-d	4.252	84	61369m	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.947	65	32739	5.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	4.963	84	112714	3.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	5.992	67	35460	3.791	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.800%
41) Toluene-d8	7.246	98	109929	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.558	79	14230	4.293	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.030	63	83386	53.468	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.940%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34567	5.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	40886	4.251	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	47285	5.095	ug/L	98
3) Chloromethane	1.217	50	51072	5.459	ug/L	97
5) Vinyl chloride	1.281	62	50895	5.704	ug/L	99
6) Bromomethane	1.487	94	27449	5.092	ug/L	99
8) Chloroethane	1.548	64	32921	6.128	ug/L	96
9) Trichlorofluoromethane	1.712	101	66068	6.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	35726	5.510	ug/L	97
12) 1,1-Dichloroethene	2.069	96	36641	5.999	ug/L	87
13) Acetone	2.146	43	65741	49.783	ug/L	93
14) Carbon disulfide	2.240	76	97911	4.586	ug/L	99
15) Methyl Acetate	2.391	43	16491	5.547	ug/L	94
16) Methylene chloride	2.449	84	44121	5.541	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	87798	5.280	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	35164	5.026	ug/L	99
19) 1,1-Dichloroethane	3.114	63	71544	5.436	ug/L	99
21) 2-Butanone	3.908	43	95440	46.216	ug/L	95
22) cis-1,2-Dichloroethene	3.822	96	38314	5.086	ug/L	97
23) Bromochloromethane	4.153	128	18033	5.690	ug/L	99
25) Chloroform	4.278	83	75041	5.812	ug/L	97

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27) 1,2-Dichloroethane	5.047	62	45213	5.927	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	62672	4.804	ug/L	97
30) Cyclohexane	4.584	56	49963	3.485	ug/L	98
31) Carbon tetrachloride	4.735	117	52215	4.731	ug/L	99
33) Benzene	5.011	78	156336	4.628	ug/L	100
34) Trichloroethene	5.834	95	39357	4.268	ug/L	98
35) Methylcyclohexane	6.050	83	54564	3.823	ug/L	96
37) 1,2-Dichloropropane	6.095	63	40164	4.446	ug/L	99
38) Bromodichloromethane	6.436	83	58368	5.437	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	56053	4.360	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	289037	50.557	ug/L	98
42) Toluene	7.317	91	181429	5.038	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	48597	4.599	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	33396	5.240	ug/L	99
47) Tetrachloroethene	7.905	164	37949	5.426	ug/L	96
48) 2-Hexanone	8.082	43	206204	51.121	ug/L	99
49) Dibromochloromethane	8.178	129	35206	5.306	ug/L	95
50) 1,2-Dibromoethane	8.284	107	31021	5.146	ug/L	96
51) Chlorobenzene	8.818	112	113652	4.902	ug/L	98
52) Ethylbenzene	8.950	91	189824	4.734	ug/L	99
53) m,p-Xylene	9.075	106	72308	4.862	ug/L	96
54) o-Xylene	9.480	106	68452	4.777	ug/L	97
55) Styrene	9.500	104	123905	5.120	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	40632	5.795	ug/L	97
59) Bromoform	9.670	173	19320	5.126	ug/L	99
60) Isopropylbenzene	9.870	105	187095	4.645	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	27920	5.061	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	143329	4.366	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	141950	4.343	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	90143	4.685	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	91172	4.723	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	84361	4.807	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	5939	5.269	ug/L	93
69) 1,3,5-Trichlorobenzene	12.586	180	60048	4.261	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	49729	3.979	ug/L	99
71) Naphthalene	13.442	128	83292	3.923	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	47473	4.408	ug/L	99

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

