

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030342.D
 Acq On : 29 Mar 2023 21:26
 Operator : SY/MD
 Sample : 02099-06MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB0MS

Quant Time: Mar 30 02:15:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/31/2023
 Supervised By :Mahesh Dadoda 03/31/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.564	114	135310	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.799	117	135087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	76041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	39212	4.376	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	40023	4.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.060	63	102094	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	3.937	46	126854m	54.765	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.540%
24) Chloroform-d	4.259	84	109364	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	4.963	65	52647	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	4.966	84	182253	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.018	67	57792	4.849	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.262	98	171686	4.911	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.574	79	18951	4.223	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.056	63	94123	52.202	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.400%
56) 1,1,2,2-Tetrachloroeth...	10.165	84	47452	5.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	62926	4.630	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	83698	4.866	ug/L	99
3) Chloromethane	1.211	50	108359	4.992	ug/L	99
5) Vinyl chloride	1.278	62	78028	4.931	ug/L	100
6) Bromomethane	1.487	94	23535	5.215	ug/L	100
8) Chloroethane	1.548	64	46696	5.152	ug/L	97
9) Trichlorofluoromethane	1.712	101	117090	5.076	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	61103	4.799	ug/L	98
12) 1,1-Dichloroethene	2.069	96	57509	5.087	ug/L	92
13) Acetone	2.423	43	121461m	54.836	ug/L	
14) Carbon disulfide	2.240	76	175689	4.718	ug/L	100
15) Methyl Acetate	2.423	43	17118m	4.325	ug/L	
16) Methylene chloride	2.452	84	56645	4.236	ug/L	94
17) Methyl tert-butyl Ether	2.735	73	198193	8.277	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	60685	5.095	ug/L	99
19) 1,1-Dichloroethane	3.127	63	119925	5.194	ug/L	97
21) 2-Butanone	4.037	43	150679	54.048	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	65789	5.504	ug/L #	92
23) Bromochloromethane	4.153	128	28782	5.156	ug/L	97
25) Chloroform	4.285	83	121055	5.188	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.059	62	123436	8.749	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	111702	5.145	ug/L	99
30) Cyclohexane	4.577	56	92608	4.682	ug/L	97
31) Carbon tetrachloride	4.735	117	96650	4.906	ug/L	98
33) Benzene	5.018	78	253537	5.284	ug/L	100
34) Trichloroethene	5.860	95	62571	4.835	ug/L	98
35) Methylcyclohexane	6.072	83	91703	4.515	ug/L	100
37) 1,2-Dichloropropane	6.124	63	63308	5.140	ug/L	100
38) Bromodichloromethane	6.458	83	80252	4.975	ug/L	97
39) cis-1,3-Dichloropropene	6.976	75	76697	4.428	ug/L	99
40) 4-Methyl-2-pentanone	7.198	43	348353	53.669	ug/L	98
42) Toluene	7.333	91	278895	5.457	ug/L	99
44) trans-1,3-Dichloropropene	7.600	75	65157	4.421	ug/L	96
45) 1,1,2-Trichloroethane	7.789	97	42582	4.910	ug/L	98
47) Tetrachloroethene	7.918	164	56376	4.936	ug/L	97
48) 2-Hexanone	8.104	43	254649	52.385	ug/L	98
49) Dibromochloromethane	8.194	129	48862	4.733	ug/L	99
50) 1,2-Dibromoethane	8.301	107	39141	4.960	ug/L	94
51) Chlorobenzene	8.828	112	162329	4.961	ug/L	98
52) Ethylbenzene	8.960	91	274480	4.909	ug/L	99
53) m,p-Xylene	9.085	106	107710	5.032	ug/L	100
54) o-Xylene	9.490	106	99936	4.880	ug/L	99
55) Styrene	9.506	104	174739	5.023	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.191	83	50912	4.945	ug/L	98
59) Bromoform	9.677	173	26371	4.291	ug/L	99
60) Isopropylbenzene	9.876	105	271221	4.837	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	34103	5.016	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	209873	4.586	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	220366	4.725	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	134931	4.825	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	134134	4.761	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	121845	4.835	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.378	75	7473m	4.419	ug/L	
69) 1,3,5-Trichlorobenzene	12.593	180	95513	4.436	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	75099	4.517	ug/L	99
71) Naphthalene	13.448	128	106703	4.494	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	64410	4.472	ug/L	99

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

