

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031357.D
 Acq On : 05 Jun 2023 19:17
 Operator : SY/MD
 Sample : 02990-04MSD 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C27MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/06/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Quant Time: Jun 06 02:11:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	139339	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	139962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	77650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49833	3.516	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.532	69	44054	3.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.056	65	26638	3.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.831	46	116005	35.361	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.720%
24) Chloroform-d	4.256	84	109410	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.950	65	56692	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	4.966	84	189744	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.995	67	63293	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.249	98	182137	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.561	79	23507	4.493	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.034	63	107161	50.983	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.960%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	49513	4.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	63711	4.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	78062	4.151	ug/L	98
3) Chloromethane	1.214	50	72220	3.887	ug/L	98
5) Vinyl chloride	1.282	62	74262	3.999	ug/L	98
6) Bromomethane	1.487	94	39095	3.672	ug/L	93
8) Chloroethane	1.548	64	43933	3.794	ug/L	99
9) Trichlorofluoromethane	1.712	101	115832	4.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	61282	4.053	ug/L	96
12) 1,1-Dichloroethene	2.069	96	54541	4.190	ug/L	95
13) Acetone	2.159	43	88574m	23.363	ug/L	
14) Carbon disulfide	2.240	76	156649	4.059	ug/L	98
15) Methyl Acetate	2.394	43	30436	4.133	ug/L	93
16) Methylene chloride	2.449	84	61115	3.862	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	138825	4.680	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	51761	4.193	ug/L	93
19) 1,1-Dichloroethane	3.114	63	116701	4.256	ug/L	99
21) 2-Butanone	3.912	43	153273m	31.086	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	65341	5.223	ug/L	97
23) Bromochloromethane	4.156	128	25409	4.296	ug/L	95
25) Chloroform	4.281	83	117691	4.105	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	73740	4.425	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	104768	4.502	ug/L	99
30) Cyclohexane	4.587	56	87634	4.148	ug/L	96
31) Carbon tetrachloride	4.741	117	92181	4.442	ug/L	97
33) Benzene	5.015	78	224360	4.504	ug/L	100
34) Trichloroethene	5.838	95	64530	4.797	ug/L	96
35) Methylcyclohexane	6.056	83	82241	4.107	ug/L	99
37) 1,2-Dichloropropane	6.101	63	59618	4.067	ug/L	99
38) Bromodichloromethane	6.439	83	81608	4.354	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	78819	4.096	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	411102	47.795	ug/L	100
42) Toluene	7.320	91	243594	4.609	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	72135	4.358	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	43865	4.408	ug/L	96
47) Tetrachloroethene	7.912	164	103712	9.893	ug/L	98
48) 2-Hexanone	8.085	43	311887	45.658	ug/L	99
49) Dibromochloromethane	8.182	129	51689	4.652	ug/L	94
50) 1,2-Dibromoethane	8.288	107	40063	4.353	ug/L	93
51) Chlorobenzene	8.821	112	145764	4.427	ug/L	100
52) Ethylbenzene	8.953	91	246642	4.461	ug/L	98
53) m,p-Xylene	9.079	106	91185	4.584	ug/L	100
54) o-Xylene	9.484	106	87958	4.719	ug/L	99
55) Styrene	9.503	104	161185	4.861	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	53207	4.486	ug/L	100
59) Bromoform	9.674	173	29548	4.723	ug/L	98
60) Isopropylbenzene	9.873	105	246413	4.418	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	39680	4.183	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	192096	4.250	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	200243	4.292	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	120763	4.470	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	123508	4.366	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	113870	4.394	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	8507	3.909	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	88357	4.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	70490	4.378	ug/L	98
71) Naphthalene	13.448	128	100211	4.057	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	63744	4.414	ug/L	98

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

