

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031359.D
 Acq On : 05 Jun 2023 20:06
 Operator : SY/MD
 Sample : 03000-07MSD 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C29MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 02:12:15 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	5.538	114	144107	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	136830	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	76911	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	50880	3.471	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.529	69	45664	3.688	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.053	65	25730	3.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	3.847	46	143539m	42.306	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.620%
24) Chloroform-d	4.252	84	109721	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.950	65	56065	4.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	4.966	84	195209	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.995	67	63488	4.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.249	98	181350	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.561	79	23264	4.548	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.037	63	95660	46.553	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.100%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46046	4.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	63656	4.388	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	78087	4.015	ug/L	100
3) Chloromethane	1.214	50	72708	3.784	ug/L	99
5) Vinyl chloride	1.281	62	83497	4.347	ug/L	98
6) Bromomethane	1.484	94	41605	3.779	ug/L	94
8) Chloroethane	1.545	64	46010	3.842	ug/L	98
9) Trichlorofluoromethane	1.709	101	122660	4.336	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	63113	4.036	ug/L	97
12) 1,1-Dichloroethene	2.063	96	56184	4.173	ug/L	96
13) Acetone	2.169	43	89578m	22.846	ug/L	
14) Carbon disulfide	2.233	76	157559	3.948	ug/L	99
15) Methyl Acetate	2.432	43	47387m	6.221	ug/L	
16) Methylene chloride	2.445	84	68640	4.194	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	136416	4.446	ug/L #	56
18) trans-1,2-Dichloroethene	2.693	96	57443	4.499	ug/L	96
19) 1,1-Dichloroethane	3.114	63	119672	4.220	ug/L	98
21) 2-Butanone	3.924	43	156757m	30.741	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	271122	20.955	ug/L	100
23) Bromochloromethane	4.153	128	26138	4.273	ug/L	90
25) Chloroform	4.284	83	115507	3.895	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	81818	4.747	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	105917	4.656	ug/L	100
30) Cyclohexane	4.583	56	567297	27.465	ug/L	96
31) Carbon tetrachloride	4.738	117	95743	4.719	ug/L	97
33) Benzene	5.011	78	970985	19.940	ug/L	100
34) Trichloroethene	5.834	95	402999	30.642	ug/L	98
35) Methylcyclohexane	6.053	83	317159	16.199	ug/L	96
37) 1,2-Dichloropropane	6.101	63	64641	4.510	ug/L	98
38) Bromodichloromethane	6.439	83	80409	4.388	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	84955	4.516	ug/L	97
40) 4-Methyl-2-pentanone	7.172	43	382915	45.537	ug/L	97
42) Toluene	7.320	91	255896	4.953	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	71798	4.437	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	41568	4.273	ug/L	97
47) Tetrachloroethene	7.908	164	108848	10.621	ug/L	98
48) 2-Hexanone	8.088	43	265749	39.794	ug/L	99
49) Dibromochloromethane	8.181	129	49861	4.590	ug/L	96
50) 1,2-Dibromoethane	8.291	107	39230	4.360	ug/L	91
51) Chlorobenzene	8.821	112	147100	4.570	ug/L	99
52) Ethylbenzene	8.953	91	453447	8.389	ug/L	97
53) m,p-Xylene	9.079	106	319495	16.431	ug/L	98
54) o-Xylene	9.484	106	123964	6.802	ug/L	99
55) Styrene	9.503	104	171121	5.279	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	49276	4.250	ug/L	97
59) Bromoform	9.673	173	27218	4.392	ug/L	97
60) Isopropylbenzene	9.873	105	280828	5.083	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	36974	3.935	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	268394	5.995	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	337800	7.310	ug/L	97
64) 1,3-Dichlorobenzene	11.123	146	125279	4.682	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	123438	4.405	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	113175	4.410	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	8686	4.030	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	93610	4.708	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	71602	4.490	ug/L	98
71) Naphthalene	13.448	128	113560	4.642	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	63839	4.463	ug/L	97

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

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