

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031358.D
 Acq On : 05 Jun 2023 19:41
 Operator : SY/MD
 Sample : 03000-06MS 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C29MS

Quant Time: Jun 06 02:11:46 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	138882	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	129583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	75681	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49207	3.483	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.529	69	44088	3.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.053	65	26361	3.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.864	46	151790	46.421	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.840%
24) Chloroform-d	4.256	84	108590	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.950	65	57831	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	4.963	84	192666	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.995	67	63562	4.777	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.249	98	174346	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.561	79	23122	4.773	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.037	63	106808	54.886	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.780%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	49535	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	64857	4.544	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	78756	4.202	ug/L	99
3) Chloromethane	1.214	50	71354	3.853	ug/L	97
5) Vinyl chloride	1.278	62	83588	4.516	ug/L	99
6) Bromomethane	1.484	94	41840	3.943	ug/L	96
8) Chloroethane	1.545	64	45443	3.937	ug/L	98
9) Trichlorofluoromethane	1.709	101	120689	4.427	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	62602	4.154	ug/L	97
12) 1,1-Dichloroethene	2.066	96	55829	4.303	ug/L	92
13) Acetone	2.224	43	90653	23.990	ug/L	56
14) Carbon disulfide	2.237	76	158197	4.113	ug/L	100
15) Methyl Acetate	2.413	43	26037m	3.547	ug/L	
16) Methylene chloride	2.446	84	66642	4.225	ug/L	98
17) Methyl tert-butyl Ether	2.716	73	140275	4.744	ug/L	# 52
18) trans-1,2-Dichloroethene	2.693	96	57342	4.660	ug/L	96
19) 1,1-Dichloroethane	3.114	63	116515	4.263	ug/L	100
21) 2-Butanone	3.944	43	171807m	34.960	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	270322	21.680	ug/L	99
23) Bromochloromethane	4.153	128	26271	4.457	ug/L	92
25) Chloroform	4.282	83	116194	4.066	ug/L	96

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27) 1,2-Dichloroethane	5.050	62	83451	5.024	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	106198	4.929	ug/L	99
30) Cyclohexane	4.584	56	593677	30.349	ug/L	96
31) Carbon tetrachloride	4.738	117	94352	4.910	ug/L	98
33) Benzene	5.011	78	978193	21.211	ug/L	100
34) Trichloroethene	5.835	95	413641	33.210	ug/L	97
35) Methylcyclohexane	6.053	83	317236	17.109	ug/L	97
37) 1,2-Dichloropropane	6.098	63	63286	4.663	ug/L	98
38) Bromodichloromethane	6.439	83	81429	4.692	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	87577	4.916	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	428712	53.835	ug/L	96
42) Toluene	7.320	91	253191	5.174	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	76304	4.979	ug/L	99
45) 1,1,2-Trichloroethane	7.777	97	43153	4.684	ug/L	98
47) Tetrachloroethene	7.908	164	109668	11.299	ug/L	99
48) 2-Hexanone	8.088	43	307285	48.587	ug/L	99
49) Dibromochloromethane	8.182	129	50646	4.923	ug/L	98
50) 1,2-Dibromoethane	8.291	107	42123	4.944	ug/L	95
51) Chlorobenzene	8.822	112	147954	4.854	ug/L	97
52) Ethylbenzene	8.953	91	453607	8.862	ug/L	98
53) m,p-Xylene	9.079	106	326982	17.756	ug/L	98
54) o-Xylene	9.484	106	125199	7.254	ug/L	99
55) Styrene	9.503	104	169108	5.509	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	52976	4.824	ug/L	99
59) Bromoform	9.674	173	29753	4.879	ug/L	97
60) Isopropylbenzene	9.873	105	284614	5.235	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	39693	4.293	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	269746	6.123	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	338226	7.438	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	128923	4.897	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	129308	4.689	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	120524	4.772	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	9241	4.357	ug/L	90
69) 1,3,5-Trichlorobenzene	12.590	180	93492	4.779	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	74416	4.743	ug/L	98
71) Naphthalene	13.445	128	123412	5.127	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	68024	4.833	ug/L	99

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

