

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030343.D
 Acq On : 29 Mar 2023 21:50
 Operator : SY/MD
 Sample : 02099-07MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB0MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

03/31/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Mar 30 02:16:37 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	149625	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	142787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80148	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40767	4.114	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.536	69	40272	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.066	63	102070	4.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.854	46	114207	44.588	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.180%
24) Chloroform-d	4.259	84	111233	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.953	65	52778	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	4.970	84	188581	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.998	67	59918	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.252	98	174924	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.561	79	20538	4.330	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.040	63	102859	53.971	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.940%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47131	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.571	152	65243	4.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	86077	4.525	ug/L	99
3) Chloromethane	1.214	50	104217	4.342	ug/L	97
5) Vinyl chloride	1.285	62	81348	4.649	ug/L	96
6) Bromomethane	1.491	94	24327	4.874	ug/L	98
8) Chloroethane	1.552	64	47005	4.690	ug/L	99
9) Trichlorofluoromethane	1.716	101	117859	4.620	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	60426	4.292	ug/L	99
12) 1,1-Dichloroethene	2.073	96	58634	4.690	ug/L	93
13) Acetone	2.175	43	118535m	48.395	ug/L	
14) Carbon disulfide	2.243	76	198961	4.831	ug/L	100
15) Methyl Acetate	2.404	43	26207m	5.987	ug/L	
16) Methylene chloride	2.452	84	62639	4.236	ug/L	97
17) Methyl tert-butyl Ether	2.716	73	2700565	101.992	ug/L	98
18) trans-1,2-Dichloroethene	2.700	96	64715	4.914	ug/L	98
19) 1,1-Dichloroethane	3.121	63	122574	4.801	ug/L	98
21) 2-Butanone	3.934	43	129738	42.084	ug/L #	70
22) cis-1,2-Dichloroethene	3.825	96	63706	4.820	ug/L #	98
23) Bromochloromethane	4.156	128	30314	4.911	ug/L	96
25) Chloroform	4.288	83	123829	4.799	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	440493	28.235	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	111370	4.853	ug/L	98
30) Cyclohexane	4.590	56	99899	4.778	ug/L	99
31) Carbon tetrachloride	4.744	117	99002	4.754	ug/L	98
33) Benzene	5.021	78	266770	5.260	ug/L	100
34) Trichloroethene	5.841	95	72307	5.286	ug/L	99
35) Methylcyclohexane	6.059	83	97389	4.536	ug/L	98
37) 1,2-Dichloropropane	6.104	63	65320	5.017	ug/L	100
38) Bromodichloromethane	6.442	83	84106	4.933	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	85583	4.675	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	369556	53.865	ug/L	98
42) Toluene	7.323	91	291564	5.398	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	72919	4.681	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	44512	4.855	ug/L	99
47) Tetrachloroethene	7.912	164	279072	23.118	ug/L	95
48) 2-Hexanone	8.088	43	271242	52.789	ug/L	99
49) Dibromochloromethane	8.185	129	52015	4.767	ug/L	97
50) 1,2-Dibromoethane	8.291	107	40847	4.897	ug/L	97
51) Chlorobenzene	8.821	112	168223	4.864	ug/L	96
52) Ethylbenzene	8.953	91	285014	4.823	ug/L	96
53) m,p-Xylene	9.082	106	111483	4.928	ug/L	100
54) o-Xylene	9.487	106	105971	4.895	ug/L	99
55) Styrene	9.503	104	181874	4.947	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	52489	4.824	ug/L	99
59) Bromoform	9.674	173	30266	4.672	ug/L	99
60) Isopropylbenzene	9.876	105	284290	4.810	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	35388	4.938	ug/L	98
62) 1,3,5-Trimethylbenzene	10.487	105	224190	4.648	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	234597	4.773	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	143042	4.853	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	141808	4.776	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	127671	4.807	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	7201	4.040	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	103624	4.566	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	79248	4.523	ug/L	99
71) Naphthalene	13.448	128	112629	4.501	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	69219	4.560	ug/L	99

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

