

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056359.D
 Acq On : 15 Nov 2023 16:50
 Operator : MD/SY
 Sample : 05340-18DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM3DL

Quant Time: Nov 16 04:40:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

11/17/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	294949	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	294221	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	136709	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.597	65	115520	5.236	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.800%
7) Chloroethane-d5	1.903	69	75847	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.558	65	51070	5.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	4.619	46	238892	54.306	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.620%
24) Chloroform-d	5.054	84	214633	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.697	65	109507	5.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	5.719	84	435259	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.684	67	136809	5.178	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.893	98	380200	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.176	79	50263	4.961	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.639	63	208540	52.372	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.740%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	101217	5.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	140483	5.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.568	96	3914	0.217 ug/L	# 1
16) Methylene chloride	3.038	84	12813	0.536 ug/L	96
17) Methyl tert-butyl Ether	3.356	73	8526	0.194 ug/L	98
19) 1,1-Dichloroethane	3.870	63	6246m	0.170 ug/L	
22) cis-1,2-Dichloroethene	4.665	96	4766	0.226 ug/L	85
27) 1,2-Dichloroethane	5.796	62	4429	0.196 ug/L	# 94
29) 1,1,1-Trichloroethane	5.314	97	5242	0.155 ug/L	99
33) Benzene	5.764	78	10452	0.125 ug/L	100
34) Trichloroethene	6.536	95	220943	9.659 ug/L	98
37) 1,2-Dichloropropane	6.787	63	3430	0.157 ug/L	98
38) Bromodichloromethane	7.105	83	4458	0.158 ug/L	93
39) cis-1,3-Dichloropropene	7.606	75	4832	0.150 ug/L	86
44) trans-1,3-Dichloropropene	8.211	75	4205	0.164 ug/L	100
47) Tetrachloroethene	8.549	164	39207	2.542 ug/L	98
49) Dibromochloromethane	8.806	129	2341	0.141 ug/L	99
50) 1,2-Dibromoethane	8.922	107	2269	0.165 ug/L	# 93
51) Chlorobenzene	9.449	112	9770	0.175 ug/L	# 81
52) Ethylbenzene	9.568	91	15532	0.161 ug/L	94
53) m,p-Xylene	9.693	106	8422	0.237 ug/L	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
54) o-Xylene	10.098	106	6100	0.177	ug/L	98	
59) Bromoform	10.291	173	1644	0.193	ug/L #	95	
60) Isopropylbenzene	10.484	105	13098	0.149	ug/L	96	
61) 1,2,3-Trichloropropane	10.822	75	2332	0.199	ug/L #	86	
62) 1,3,5-Trimethylbenzene	11.085	105	10284	0.142	ug/L	98	
63) 1,2,4-Trimethylbenzene	11.468	105	10850	0.152	ug/L	95	
64) 1,3-Dichlorobenzene	11.745	146	7300	0.182	ug/L	95	
65) 1,4-Dichlorobenzene	11.835	146	6989	0.174	ug/L	97	
67) 1,2-Dichlorobenzene	12.211	146	6931	0.188	ug/L	89	

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

Manual Integrations

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