Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051304.D
Acq On : 09 Oct 2022 16:51
Operator : JC/MD
Sample : N5013-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 10 01:28:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 10 01:25:26 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	218008	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	117827	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	65524	3.726	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.600%			
7) Chloroethane-d5	1.909	69	63002	4.170	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.400%			
11) 1,1-Dichloroethene-d2	2.562	65	26591	3.825	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.600%			
20) 2-Butanone-d5	4.620	46	232007	59.923	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.840%			
24) Chloroform-d	5.063	84	146990	4.483	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
26) 1,2-Dichloroethane-d4	5.703	65	80975	4.789	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
32) Benzene-d6	5.726	84	288842	4.854	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
36) 1,2-Dichloropropane-d6	6.690	67	99059	4.902	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.000%			
41) Toluene-d8	7.899	98	235338	4.421	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.400%			
43) trans-1,3-Dichloroprop...	8.179	79	36036	5.428	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.600%			
46) 2-Hexanone-d5	8.632	63	153998	68.821	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 137.640%#			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	89549	5.547	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	104306	5.093	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	87620	3.577	ug/L	98
8) Chloroethane	1.932	64	151238	9.682	ug/L	99
13) Acetone	2.626	43	119222	41.056	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	1978	0.118	ug/L	89
19) 1,1-Dichloroethane	3.867	63	53820	1.559	ug/L	97
21) 2-Butanone	4.706	43	42302	9.243	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	635765	34.316	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	3025	0.117	ug/L #	89
30) Cyclohexane	5.385	56	13090	0.595	ug/L	96
33) Benzene	5.774	78	17019628	235.692	ug/L	100
35) Methylcyclohexane	6.761	83	11577	0.509	ug/L	90
40) 4-Methyl-2-pentanone	7.790	43	55651	5.359	ug/L	94
42) Toluene	7.960	91	19066398m	248.752	ug/L	
51) Chlorobenzene	9.446	112	2638235	57.606	ug/L	99
52) Ethylbenzene	9.568	91	3291300	47.783	ug/L	100
53) m,p-Xylene	9.690	106	3474930	130.079	ug/L	99
54) o-Xylene	10.099	106	1056975	41.816	ug/L	97
60) Isopropylbenzene	10.484	105	657488	8.810	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	201730	10.190	ug/L	99

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63) 1,2,4-Trimethylbenzene	11.465	105	904153	16.149	ug/L		100
64) 1,3-Dichlorobenzene	11.745	146	21258	0.576	ug/L		97
65) 1,4-Dichlorobenzene	11.835	146	112327	3.087	ug/L		99
67) 1,2-Dichlorobenzene	12.211	146	134755	3.755	ug/L		99
70) 1,2,4-trichlorobenzene	13.841	180	3020	0.167	ug/L	#	89

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

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