Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG046996.D
Acq On : 20 Oct 2020 12:17
Operator : CG/JU
Sample : L4425-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X2P72

Quant Time: Oct 20 12:54:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 10:59:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	49887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	211290	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	155878	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	363840	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	364156	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	365488	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	7588	6.75	ng/uL	0.00
5) Phenol-d5	7.22	99	163777	37.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	90110	35.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	120270	36.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	128897	36.68	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	61627	34.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	73489	35.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	144954	36.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	136487	29.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	471958	36.45	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	550845	37.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	73614	32.98	ng/ul	0.00
58) Fluorene-d10	15.69	176	420407	35.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	78856	31.47	ng/ul	0.00
71) Anthracene-d10	17.54	188	657529	37.31	ng/ul	0.00
79) Pyrene-d10	19.82	212	782645	39.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	766983	37.26	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.89	105	166011	29.449	ng/ul	97
17) Hexachloroethane	9.15	117	29400	19.466	ng/ul	90
20) Nitrobenzene	9.27	77	79762	16.461	ng/ul	98
28) Naphthalene	10.93	128	152246	12.487	ng/ul	97
34) 2-Methylnaphthalene	12.53	142	105158	11.731	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	152448	25.078	ng/ul	94
50) Acenaphthene	14.76	153	165162	15.787	ng/ul	97
65) N-Nitrosodiphenylamine	15.95	169	342909	32.118	ng/ul	98
70) Phenanthrene	17.49	178	541395	26.005	ng/ul	100
72) Anthracene	17.57	178	218877	10.408	ng/ul	96
80) Pyrene	19.85	202	340270	13.807	ng/ul	99
85) Chrysene	21.76	228	503031	20.744	ng/ul	99
88) Benzo(b)fluoranthene	23.92	252	415397	16.385	ng/ul	98
89) Benzo(k)fluoranthene	23.99	252	321720	13.159	ng/ul	97
91) Benzo(a)pyrene	24.79	252	124806	5.476	ng/ul	98
94) Benzo(g,h,i)perylene	29.80	276	392599	16.750	ng/ul	99

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

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