Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009523.D
Acq On : 31 Jan 2020 22:23
Operator : CG/JU
Sample : L1271-06 10X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Feb 01 02:09:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 22:58:20 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : GASZ7

Manual Integrations APPROVED
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2/3/2020 4:09:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	195287	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.21	136	804339	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.09	164	523433	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.84	188	971508	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	835146	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	903367	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	874	0.19	ng/uL	0.02
5) Phenol-d5	6.66	99	26673	1.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	19348	1.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	20447	1.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	20574	1.49	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	16293	2.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	10417	1.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	21264	1.75	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.52	166	82474	2.13	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	82150	1.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	15718m	2.18	ng/ul	0.00
57) Fluorene-d10	15.09	176	64947	1.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	7314m	1.24	ng/ul	0.02
70) Anthracene-d10	16.94	188	92130	2.05	ng/ul	0.00
78) Pyrene-d10	19.24	212	95452	2.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	92796	2.03	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.26	128	23450970m	541.784	ng/ul	
34) 2-Methylnaphthalene	11.90	142	27124203m	910.252	ng/ul	
40) 1,1'-Biphenyl	12.92	154	2657169	67.041	ng/ul	99
47) Acenaphthylene	13.82	152	7860676	158.412	ng/ul	98
49) Acenaphthene	14.16	153	792458	23.409	ng/ul	99
53) Dibenzofuran	14.49	168	1028186	21.860	ng/ul	98
58) Fluorene	15.16	166	4871401	123.603	ng/ul	97
64) N-Nitrosodiphenylamine	15.37	169	82316	2.862	ng/ul#	87
69) Phenanthrene	16.90	178	17869161m	325.978	ng/ul	
71) Anthracene	16.98	178	2225726	39.878	ng/ul	99
76) Fluoranthene	18.92	202	4082647	64.970	ng/ul	99
79) Pyrene	19.28	202	6377995	105.473	ng/ul	96
82) Benzo(a)anthracene	21.04	228	2079658m	36.567	ng/ul	
84) Chrysene	21.09	228	1877094	33.882	ng/ul	99
87) Benzo(b)fluoranthene	22.55	252	1040978	18.225	ng/ul	96
88) Benzo(k)fluoranthene	22.58	252	332431m	5.919	ng/ul	
90) Benzo(a)pyrene	23.07	252	851904	16.616	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	406825	6.548	ng/ul	96
92) Dibenzo(a,h)anthracene	25.24	278	145679m	2.779	ng/ul	
93) Benzo(g,h,i)perylene	25.86	276	338587	6.551	ng/ul	98

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

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