Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009519.D
Acq On : 31 Jan 2020 20:00
Operator : CG/JU
Sample : L1271-04 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASZ5

Manual Integrations APPROVED
mohammad
2/3/2020 4:09:05 PM

Quant Time: Feb 01 01:25:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	197627	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	826159	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	506303	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.84	188	1002903	20.00	ng/ul	-0.01
77) Chrysene-d12	21.05	240	867846	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	944843	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	2383	0.50	ng/uL	0.01
5) Phenol-d5	6.66	99	51962	2.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	38890	3.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	41399	3.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	43178	3.10	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	20788	3.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	22189	3.52	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.84	165	44761	3.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	14382	0.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.51	166	146570	3.91	ng/ul	-0.01
46) Acenaphthylene-d8	13.77	160	166002	3.73	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.33	143	18127	2.60	ng/ul	0.00
57) Fluorene-d10	15.09	176	124391	3.78	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.23	200	17120	2.82	ng/ul	0.00
70) Anthracene-d10	16.94	188	179128	3.86	ng/ul	0.00
78) Pyrene-d10	19.24	212	178376	3.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	164047	3.44	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.25	128	69485	1.563	ng/ul#	95
34) 2-Methylnaphthalene	11.87	142	382507	12.497	ng/ul	99
47) Acenaphthylene	13.80	152	471286	9.819	ng/ul	99
49) Acenaphthene	14.15	153	53086	1.621	ng/ul	96
58) Fluorene	15.15	166	141352	3.708	ng/ul	93
69) Phenanthrene	16.88	178	860025	15.198	ng/ul	99
71) Anthracene	16.97	178	178044	3.090	ng/ul	98
76) Fluoranthene	18.91	202	967218	14.910	ng/ul	99
79) Pyrene	19.27	202	2846029	45.292	ng/ul	99
82) Benzo(a)anthracene	21.03	228	539270	9.125	ng/ul	93
84) Chrysene	21.09	228	645907	11.219	ng/ul	97
87) Benzo(b)fluoranthene	22.55	252	565517m	9.466	ng/ul	
88) Benzo(k)fluoranthene	22.58	252	152579m	2.597	ng/ul	
90) Benzo(a)pyrene	23.07	252	132864	2.478	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	199843	3.075	ng/ul	94
92) Dibenzo(a,h)anthracene	25.23	278	78505	1.432	ng/ul#	91
93) Benzo(g,h,i)perylene	25.85	276	136147	2.519	ng/ul	96

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

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