Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005877.D
Acq On : 23 May 2019 07:00
Operator : JU/SJ
Sample : K2927-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42A9

Manual Integrations APPROVED
mohammad
5/23/2019 3:31:40 PM

Quant Time: May 23 09:42:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	87551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	384024	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	258914	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	649456	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	698434	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	675949	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	9067	5.80	ng/uL	0.00
5) Phenol-d5	6.76	99	187146	27.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	107618	30.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	164123	30.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	158389	27.37	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	84941	30.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	95661	29.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	182259	29.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	163915	24.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	649144	32.58	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	780904	32.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	74306m	26.48	ng/ul	0.01
57) Fluorene-d10	15.20	176	595193	34.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	31408	8.05	ng/ul	0.00
70) Anthracene-d10	17.06	188	929587	33.13	ng/ul	0.00
78) Pyrene-d10	19.37	212	1113748	32.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	982618	32.41	ng/ul	0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.66	163	179941	9.161	ng/ul#	98
47) Acenaphthylene	13.92	152	35957	1.543	ng/ul	98
69) Phenanthrene	17.00	178	370837	11.519	ng/ul	99
71) Anthracene	17.10	178	94883	2.895	ng/ul	98
74) Carbazole	17.38	167	32160	1.113	ng/ul	98
76) Fluoranthene	19.04	202	923481	23.202	ng/ul#	89
79) Pyrene	19.40	202	829262	19.335	ng/ul#	87
80) Butylbenzylphthalate	20.33	149	30026	1.709	ng/ul#	92
82) Benzo(a)anthracene	21.19	228	507724	11.539	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.12	149	225915	9.062	ng/ul#	98
84) Chrysene	21.23	228	491638	11.852	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	581250	15.631	ng/ul#	96
88) Benzo(k)fluoranthene	22.79	252	221052m	6.143	ng/ul	
90) Benzo(a)pyrene	23.32	252	379992m	10.553	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.60	276	243028	5.520	ng/ul#	90
92) Dibenzo(a,h)anthracene	25.59	278	70731	1.909	ng/ul	96
93) Benzo(g,h,i)perylene	26.27	276	166910	4.535	ng/ul#	88

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

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