Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005871.D
Acq On : 23 May 2019 03:32
Operator : JU/SJ
Sample : K2927-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42A7

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

Quant Time: May 23 07:05:44 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	104976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	428669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	279133	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	703058	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	609543	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	583386	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	5870	3.13	ng/uL	0.00
5) Phenol-d5	6.77	99	112695	13.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	66392	15.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	98989	15.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	86373	12.45	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	47502	15.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	51424	14.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	105492	15.38	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	43551m	5.72	ng/ul	0.03
43) Dimethylphthalate-d6	13.62	166	361665	16.84	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	446347	17.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	32272m	10.67	ng/ul	0.04
57) Fluorene-d10	15.20	176	336520	18.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	18575	4.40	ng/ul	0.02
70) Anthracene-d10	17.06	188	536843	17.68	ng/ul	0.00
78) Pyrene-d10	19.37	212	606157	20.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	455986	17.42	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.67	163	105859	4.999	ng/ul	99
47) Acenaphthylene	13.92	152	34103	1.357	ng/ul#	96
49) Acenaphthene	14.26	153	21772	1.279	ng/ul	92
53) Dibenzofuran	14.62	168	25434	1.007	ng/ul	88
58) Fluorene	15.26	166	28067	1.366	ng/ul#	92
69) Phenanthrene	17.00	178	563471	16.168	ng/ul	99
71) Anthracene	17.10	178	131980	3.719	ng/ul	97
74) Carbazole	17.38	167	43433	1.388	ng/ul	98
76) Fluoranthene	19.03	202	929362	21.570	ng/ul#	88
79) Pyrene	19.40	202	807470	21.572	ng/ul#	85
82) Benzo(a)anthracene	21.17	228	430607	11.213	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.11	149	281468	12.936	ng/ul#	98
84) Chrysene	21.23	228	378629	10.459	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	449335	14.000	ng/ul#	95
88) Benzo(k)fluoranthene	22.78	252	156566m	5.042	ng/ul	
90) Benzo(a)pyrene	23.30	252	317946m	10.231	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	203991	5.369	ng/ul#	90
92) Dibenzo(a,h)anthracene	25.58	278	61119	1.911	ng/ul#	88
93) Benzo(g,h,i)perylene	26.26	276	162170	5.106	ng/ul#	87

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

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