Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009188.D
Acq On : 27 Dec 2019 00:27
Operator : JU
Sample : K6381-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5S2

Manual Integrations APPROVED
mohammad
12/27/2019 3:20:41 PM

Quant Time: Dec 27 04:23:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	328472	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1466711	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	927478	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1934627	20.00	ng/ul	0.00
77) Chrysene-d12	21.10	240	1423379	20.00	ng/ul	0.00
85) Perylene-d12	23.24	264	1287709	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	75630	10.52	ng/uL	0.00
5) Phenol-d5	6.72	99	1769886	56.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	1173228	58.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	1384186	61.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	1464341	58.09	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	729811	66.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	820838	66.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	1421515	61.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	1912990	68.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.58	166	4175459	59.94	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	5283870	64.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.38	143	819396	59.16	ng/ul	0.00
57) Fluorene-d10	15.16	176	3746415	61.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	506129	41.93	ng/ul	0.00
70) Anthracene-d10	17.00	188	5469810	60.78	ng/ul	0.00
78) Pyrene-d10	19.31	212	5760915	77.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	4176441	64.37	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.68	77	29300	1.497	ng/ul	93
28) Naphthalene	10.33	128	91245	1.166	ng/ul	98
44) Dimethylphthalate	13.62	163	167068	2.345	ng/ul	98
69) Phenanthrene	16.94	178	958362	8.985	ng/ul	98
71) Anthracene	17.03	178	187649	1.710	ng/ul	98
76) Fluoranthene	18.97	202	1635248	13.274	ng/ul	100
79) Pyrene	19.33	202	1327931	13.452	ng/ul	98
82) Benzo(a)anthracene	21.09	228	640128	6.656	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.05	149	135227	2.032	ng/ul	99
84) Chrysene	21.14	228	630989	6.827	ng/ul	98
87) Benzo(b)fluoranthene	22.62	252	753991	9.580	ng/ul	97
88) Benzo(k)fluoranthene	22.66	252	187830m	2.444	ng/ul	
90) Benzo(a)pyrene	23.16	252	420473	5.818	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.33	276	257952	2.946	ng/ul	97
92) Dibenzo(a,h)anthracene	25.34	278	74398	1.007	ng/ul#	94
93) Benzo(g,h,i)perylene	25.97	276	242235	3.307	ng/ul	97

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

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