Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009180.D
Acq On : 26 Dec 2019 19:40
Operator : JU
Sample : K6381-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R4

Manual Integrations APPROVED
mohammad
12/27/2019 3:20:13 PM

Quant Time: Dec 27 02:04:34 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	295423	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1332886	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	863692	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1794686	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1522708	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1385316	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	36583	5.66	ng/uL	0.00
5) Phenol-d5	6.72	99	850185	30.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	563034	31.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	647161	32.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	706280	31.15	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	340606	33.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	387544	34.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	678205	32.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	930438	36.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	2014995	31.06	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2578471	33.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	378921	29.38	ng/ul	0.00
57) Fluorene-d10	15.15	176	1854983	32.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	241608	21.58	ng/ul	0.00
70) Anthracene-d10	17.00	188	2749408	32.93	ng/ul	0.00
78) Pyrene-d10	19.30	212	3000729	37.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2380189	34.10	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.68	77	22283	1.266	ng/ul#	85
28) Naphthalene	10.33	128	74018	1.040	ng/ul	97
44) Dimethylphthalate	13.62	163	107610	1.622	ng/ul	100
69) Phenanthrene	16.95	178	775917	7.841	ng/ul	98
71) Anthracene	17.03	178	152460	1.498	ng/ul	98
76) Fluoranthene	18.97	202	1308894	11.453	ng/ul	99
79) Pyrene	19.33	202	1136885	10.765	ng/ul	99
82) Benzo(a)anthracene	21.10	228	577100	5.609	ng/ul#	93
84) Chrysene	21.15	228	559791	5.661	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	588315	6.948	ng/ul	97
88) Benzo(k)fluoranthene	22.66	252	210399m	2.545	ng/ul	
90) Benzo(a)pyrene	23.16	252	342521	4.406	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.34	276	190641	2.024	ng/ul	98
93) Benzo(g,h,i)perylene	25.99	276	186450	2.366	ng/ul	97

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

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