Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\
Data File : BM023415.D
Acq On : 28 Oct 2019 12:36
Operator : JU
Sample : K5395-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0003

Manual Integrations APPROVED
mohammad
10/29/2019 3:35:05 PM

Quant Time: Oct 29 11:59:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	411193	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1623435	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.28	164	945403	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1857441	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1838472	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2230411	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	37424	4.32	ng/uL	0.00
5) Phenol-d5	6.82	99	746534	21.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	455742	22.51	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.17	132	610430	22.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	542354	19.34	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	301573	24.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	328430	24.22	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.04	165	594172	22.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	392212	12.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1772611	24.69	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2079316	25.28	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.50	143	199490	16.04	ng/ul	0.00
58) Fluorene-d10	15.27	176	1488455	24.48	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	181503	15.70	ng/ul	0.00
71) Anthracene-d10	17.13	188	2206219	25.13	ng/ul	0.00
79) Pyrene-d10	19.43	212	2386070	23.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2862144	25.19	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.84	94	84297	2.370	ng/ul	97
28) Naphthalene	10.46	128	91007	1.094	ng/ul	99
45) Dimethylphthalate	13.74	163	751663	10.428	ng/ul	100
48) Acenaphthylene	14.00	152	2205391	25.869	ng/ul	100
50) Acenaphthene	14.34	153	244604	4.079	ng/ul	99
54) Dibenzofuran	14.68	168	495384	5.768	ng/ul	97
59) Fluorene	15.33	166	424093	6.056	ng/ul	99
70) Phenanthrene	17.07	178	17343940m	167.087	ng/ul	
72) Anthracene	17.16	178	5388894	51.239	ng/ul	99
75) Carbazole	17.43	167	2042156	23.033	ng/ul	99
77) Fluoranthene	19.09	202	24284363m	224.288	ng/ul	
80) Pyrene	19.46	202	23618656m	181.930	ng/ul	
83) Benzo(a)anthracene	21.21	228	17718385m	144.103	ng/ul	
85) Chrysene	21.27	228	18000345m	158.661	ng/ul	
88) Benzo(b)fluoranthene	22.78	252	28986879m	202.352	ng/ul	
89) Benzo(k)fluoranthene	22.83	252	9975653m	74.161	ng/ul	
91) Benzo(a)pyrene	23.35	252	21183760m	163.345	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.67	276	20620150	146.845	ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	4676966	39.500	ng/ul#	85
94) Benzo(g,h,i)perylene	26.36	276	18836765	164.878	ng/ul	97

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

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