Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024165.D
Acq On : 18 Dec 2019 22:47
Operator : JU
Sample : K6171-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BT0

Manual Integrations APPROVED
mohammad
12/19/2019 11:16:05 AM

Quant Time: Dec 19 03:27:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	441206	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	2019611	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1251992	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2556086	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1983130	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1899590	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	34522	3.46	ng/uL	0.00
5) Phenol-d5	6.65	99	807438	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	492267	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	625602	21.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	678057	19.86	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	315211	21.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	350629	21.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	656341	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	630940	16.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	2046835	22.11	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2517966	22.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	194330	11.69	ng/ul	0.00
58) Fluorene-d10	15.11	176	1797751	22.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	155554	9.98	ng/ul	0.00
71) Anthracene-d10	16.96	188	2602754	22.38	ng/ul	0.00
79) Pyrene-d10	19.27	212	2731305	28.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2157348	22.86	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.68	94	43750	1.014	ng/ul	93
14) Acetophenone	8.28	105	59587	1.157	ng/ul	96
16) 4-Methylphenol	8.23	108	187059	5.253	ng/ul	86
45) Dimethylphthalate	13.58	163	393080	4.085	ng/ul	99
70) Phenanthrene	16.90	178	507627	3.547	ng/ul	99
77) Fluoranthene	18.93	202	1282645	8.224	ng/ul	100
80) Pyrene	19.30	202	1019633	7.876	ng/ul	99
83) Benzo(a)anthracene	21.06	228	430179	3.405	ng/ul	99
85) Chrysene	21.11	228	480668	3.881	ng/ul	98
88) Benzo(b)fluoranthene	22.58	252	577717	5.083	ng/ul#	93
89) Benzo(k)fluoranthene	22.62	252	157020m	1.408	ng/ul	
91) Benzo(a)pyrene	23.12	252	344422	3.350	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.32	276	248551	2.013	ng/ul	95
94) Benzo(g,h,i)perylene	25.95	276	241174	2.392	ng/ul	100

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

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