Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024077.D
Acq On : 13 Dec 2019 02:09
Operator : JU
Sample : K6089-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BR3

Manual Integrations APPROVED
mohammad
12/13/2019 2:51:41 PM

Quant Time: Dec 13 04:25:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	394734	20.00 ng/ul	0.00
18) Naphthalene-d8	10.24	136	1530980	20.00 ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	864631	20.00 ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	1704552	20.00 ng/ul	0.00
78) Chrysene-d12	21.09	240	1623321	20.00 ng/ul	-0.01
86) Perylene-d12	23.23	264	2023071	20.00 ng/ul	-0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.04	96	19091	2.15 ng/uL	0.01
5) Phenol-d5	6.66	99	351985	10.17 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	242310	12.04 ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	297506	11.13 ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	258221	9.46 ng/ul	-0.01
19) Nitrobenzene-d5	8.62	128	138047	11.62 ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	151804	11.24 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	290893	11.37 ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	334740	11.93 ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	965514	14.37 ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	1077102	13.68 ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	57684	5.11 ng/ul	0.00
58) Fluorene-d10	15.13	176	803957	14.22 ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.28	200	66773	6.24 ng/ul	0.00
71) Anthracene-d10	16.98	188	1257127	15.44 ng/ul	-0.01
79) Pyrene-d10	19.29	212	1459412	17.40 ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.09	264	1829434	17.11 ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
4) Benzaldehyde	6.64	77	20084	1.102 ng/ul	89
6) Phenol	6.69	94	92039	2.586 ng/ul	98
28) Naphthalene	10.29	128	246788	3.058 ng/ul	99
34) 2-Methylnaphthalene	11.92	142	196533	3.353 ng/ul	99
45) Dimethylphthalate	13.60	163	169145	2.572 ng/ul	100
48) Acenaphthylene	13.84	152	136797	1.718 ng/ul	98
54) Dibenzofuran	14.53	168	86703	1.083 ng/ul	93
70) Phenanthrene	16.93	178	550486	5.717 ng/ul	99
72) Anthracene	17.02	178	104469	1.069 ng/ul	96
77) Fluoranthene	18.95	202	1068043	10.343 ng/ul	99
80) Pyrene	19.32	202	954569	8.727 ng/ul	100
83) Benzo(a)anthracene	21.07	228	692148	6.379 ng/ul	95
85) Chrysene	21.13	228	756097	7.420 ng/ul	97
88) Benzo(b)fluoranthene	22.60	252	1337696	10.692 ng/ul	97
89) Benzo(k)fluoranthene	22.63	252	355776m	2.996 ng/ul	
91) Benzo(a)pyrene	23.14	252	786425	6.648 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.34	276	584627	3.980 ng/ul	97
93) Dibenzo(a,h)anthracene	25.34	278	165102	1.338 ng/ul#	77
94) Benzo(g,h,i)perylene	25.99	276	546282	4.441 ng/ul	99

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

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