Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024166.D
Acq On : 18 Dec 2019 23:23
Operator : JU
Sample : K6171-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BT1

Manual Integrations APPROVED
mohammad
12/19/2019 11:16:08 AM

Quant Time: Dec 19 03:33:18 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	515481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	2356406	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1488567	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	3005544	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	2097146	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	2125688	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	34058	2.92	ng/uL	0.00
5) Phenol-d5	6.65	99	772689	15.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	497394	16.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	613999	17.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	639838	16.04	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	313620	18.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	352058	18.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	640406	17.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	691528	15.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	2000411	18.17	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2495387	18.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	172298	8.72	ng/ul	0.00
58) Fluorene-d10	15.11	176	1795287	18.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	137157	7.48	ng/ul	0.00
71) Anthracene-d10	16.96	188	2647503	19.36	ng/ul	0.00
79) Pyrene-d10	19.27	212	2582887	25.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2121209	20.09	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.28	105	67486	1.122	ng/ul	93
45) Dimethylphthalate	13.58	163	396464	3.466	ng/ul	100
50) Acenaphthene	14.17	153	560950	5.826	ng/ul	100
54) Dibenzofuran	14.51	168	510209	3.812	ng/ul	100
59) Fluorene	15.17	166	935329	8.275	ng/ul	99
70) Phenanthrene	16.91	178	11178384	66.434	ng/ul	98
72) Anthracene	17.00	178	3294231	19.474	ng/ul	99
75) Carbazole	17.27	167	540656	3.721	ng/ul	98
77) Fluoranthene	18.94	202	13687161m	74.632	ng/ul	
80) Pyrene	19.31	202	11977926	87.488	ng/ul	98
83) Benzo(a)anthracene	21.06	228	4451032	33.312	ng/ul	99
85) Chrysene	21.11	228	3604644	27.523	ng/ul	98
88) Benzo(b)fluoranthene	22.58	252	4354949	34.240	ng/ul	97
89) Benzo(k)fluoranthene	22.61	252	1265504m	10.141	ng/ul	
91) Benzo(a)pyrene	23.11	252	3097864	26.924	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.31	276	1936390	14.015	ng/ul	96
93) Dibenzo(a,h)anthracene	25.31	278	440074m	3.799	ng/ul	
94) Benzo(g,h,i)perylene	25.95	276	1802525	15.979	ng/ul	99

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

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