Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013354.D
Acq On : 13 Dec 2017 00:11
Operator : SJ/JU
Sample : I6776-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A49

Manual Integrations APPROVED
Sohil
12/13/2017 12:05:52 PM

Quant Time: Dec 13 14:50:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	108835	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	480743	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	312417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	826687	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1198146	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1195048	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	8908m	4.05	ng/uL	0.00
5) Phenol-d5	6.86	99	197376	20.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	110049	20.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	154522	21.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	160198	19.91	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	88716	23.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	87193	21.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	177389	21.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	223100	28.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	636569	22.90	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	780304	22.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	100837	20.88	ng/ul	0.00
57) Fluorene-d10	15.32	176	559924	23.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	80631	15.50	ng/ul	0.00
70) Anthracene-d10	17.17	188	980926	23.69	ng/ul	0.00
76) Pyrene-d10	19.47	212	1315616	22.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1469990	24.15	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	33252	3.572	ng/ul	91
44) Dimethylphthalate	13.79	163	99677	3.749	ng/ul#	98
47) Acenaphthylene	14.05	152	53179	1.675	ng/ul#	96
68) Pentachlorophenol	16.73	266	9537	1.539	ng/ul	94
71) Anthracene	17.21	178	69863	1.455	ng/ul	96
74) Fluoranthene	19.14	202	611962	10.633	ng/ul#	95
77) Pyrene	19.50	202	536478	7.370	ng/ul#	94
80) Benzo(a)anthracene	21.25	228	307650	4.047	ng/ul	98
82) Chrysene	21.30	228	373939	5.302	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	512946	6.367	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	151182m	1.994	ng/ul	
88) Benzo(a)pyrene	23.40	252	247496	3.420	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	161695	2.252	ng/ul	96
91) Benzo(g,h,i)perylene	26.41	276	138699	2.449	ng/ul#	90

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

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