Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005101.D
Acq On : 30 Mar 2021 13:32
Operator : CG/JU
Sample : M1800-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D8HE5

Manual Integrations APPROVED
mohammad
3/30/2021 4:12:54 PM

Quant Time: Mar 30 14:07:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 29 15:02:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	23716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	91227	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.37	164	58290	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	118345	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	128187	20.00	ng/ul	-0.01
86) Perylene-d12	23.50	264	134668	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	725	1.15	ng/uL	0.00
5) Phenol-d5	6.89	99	16530	8.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	39185	36.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	43304	30.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	30295	19.42	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	28555	42.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	30667	41.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	49966	34.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	5028	3.14	ng/ul	0.01
44) Dimethylphthalate-d6	13.78	166	170097	40.19	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	206401	39.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	6229	9.01	ng/ul	0.00
58) Fluorene-d10	15.37	176	146089	39.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	32221	41.22	ng/ul	0.00
71) Anthracene-d10	17.23	188	241473	45.32	ng/ul	0.00
79) Pyrene-d10	19.47	212	276529	45.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	321256	46.44	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	3662m	1.695	ng/ul	
28) Naphthalene	10.60	128	13896669	2893.736	ng/ul	98
34) 2-Methylnaphthalene	12.19	142	1759201	511.981	ng/ul	97
41) 1,1'-Biphenyl	13.20	154	604493	137.760	ng/ul	98
45) Dimethylphthalate	13.83	163	11993	2.770	ng/ul#	91
48) Acenaphthylene	14.08	152	23687	4.750	ng/ul#	85
50) Acenaphthene	14.45	153	3061203	854.329	ng/ul	100
54) Dibenzofuran	14.78	168	2385556	455.910	ng/ul	98
59) Fluorene	15.43	166	1145519	265.458	ng/ul	99
70) Phenanthrene	17.18	178	1969797	309.853	ng/ul	100
72) Anthracene	17.26	178	61495	9.570	ng/ul	98
75) Carbazole	17.54	167	583454	104.966	ng/ul	99
77) Fluoranthene	19.14	202	175564	23.364	ng/ul	99
80) Pyrene	19.50	202	95208	12.010	ng/ul	99

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

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