Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072419\
Data File : BM021628.D
Acq On : 24 Jul 2019 15:46
Operator : HP/JU
Sample : K3770-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2H37

Quant Time: Jul 24 16:29:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	81148	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	372754	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	259945	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	657884	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	827513	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	953086	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	6966	4.68	ng/uL	0.00
5) Phenol-d5	6.88	99	198022	28.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	112810	28.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	156244	28.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	156109	26.55	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	81047	29.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	84800	28.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	196251	29.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	214492	33.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	725942	32.59	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	800737	29.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	88765	23.23	ng/ul	0.00
57) Fluorene-d10	15.34	176	654619	32.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	105215	25.54	ng/ul	0.00
70) Anthracene-d10	17.20	188	1098554	33.94	ng/ul	0.00
78) Pyrene-d10	19.50	212	1441677	35.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1858295	36.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	17629	10.439	ng/uL	92
12) 2,2'-oxybis(1-Chloropropan	8.23	45	134798	20.780	ng/ul	99
20) Nitrobenzene	8.91	77	157295	23.063	ng/ul	99
23) 2-Nitrophenol	9.61	139	91646	29.776	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.91	93	139113	18.222	ng/ul	97
27) 2,4-Dichlorophenol	10.14	162	132161	21.423	ng/ul	98
28) Naphthalene	10.53	128	248635	13.162	ng/ul	99
33) 4-Chloro-3-methylphenol	11.78	107	456233	69.308	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	470747	32.229	ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	118565	27.602	ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	108717	19.744	ng/ul	97
41) 2-Chloronaphthalene	13.22	162	376438	23.448	ng/ul	100
45) 2,6-Dinitrotoluene	13.95	165	37361	10.539	ng/ul#	86
47) Acenaphthylene	14.07	152	513068	21.344	ng/ul	98
49) Acenaphthene	14.41	153	271003	15.371	ng/ul	97
54) 2,4-Dinitrotoluene	14.74	165	207939	34.523	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.98	232	242277	42.431	ng/ul	96
58) Fluorene	15.40	166	318590	14.797	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	296662	24.790	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.50	198	423604	104.005	ng/ul#	95
65) 4-Bromophenyl-phenylether	16.29	248	232114	31.439	ng/ul	100
66) Hexachlorobenzene	16.40	284	291720	32.389	ng/ul	99
69) Phenanthrene	17.14	178	604983	16.855	ng/ul	99

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71) Anthracene	17.23	178	732692	20.184	ng/ul	99
76) Fluoranthene	19.16	202	1982413	44.553	ng/ul	100
79) Pyrene	19.53	202	814190	16.517	ng/ul	100
82) Benzo(a)anthracene	21.27	228	850785	15.683	ng/ul	100
84) Chrysene	21.33	228	816897	15.790	ng/ul	99
87) Benzo(b)fluoranthene	22.87	252	3131877	54.352	ng/ul	100
88) Benzo(k)fluoranthene	22.91	252	934807	16.537	ng/ul	100
90) Benzo(a)pyrene	23.44	252	783133	14.154	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.80	276	1198722	17.840	ng/ul	98
92) Dibenzo(a,h)anthracene	25.81	278	1207102	21.360	ng/ul	99
93) Benzo(g,h,i)perylene	26.50	276	1048012	19.258	ng/ul	100

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

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