Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020096.D
Acq On : 01 May 2019 18:40
Operator : JU/SJ
Sample : IDOCSOIL-HP2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDOCSOIL-HP2

Manual Integrations APPROVED
Sohil
5/2/2019 4:55:27 PM

Quant Time: May 02 02:27:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	104442	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	388832	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	225897	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	516315	20.00	ng		0.00
76) Chrysene-d12	21.36	240	516908	20.00	ng		0.00
87) Perylene-d12	23.64	264	507285	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	866351	135.59	ng		0.00
7) Phenol-d6	6.95	99	1158794	132.75	ng		0.00
23) Nitrobenzene-d5	8.95	82	741342	75.27	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	467603	133.36	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1419202	77.30	ng		0.00
79) Terphenyl-d14	19.80	244	2293905	77.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	113691	36.280	ng		100
3) Pyridine	3.70	79	305857	38.163	ng		96
4) n-Nitrosodimethylamine	3.62	42	98410	38.292	ng		92
6) Aniline	7.12	93	321413	29.251	ng		98
8) 2-Chlorophenol	7.35	128	261853	37.638	ng		96
9) Benzaldehyde	6.94	77	212599	32.179	ng		97
10) Phenol	6.97	94	363655	38.699	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	258249	37.811	ng		97
12) 1,3-Dichlorobenzene	7.67	146	302027	37.312	ng		98
13) 1,4-Dichlorobenzene	7.83	146	310955	38.027	ng		96
14) 1,2-Dichlorobenzene	8.14	146	291790	37.454	ng		98
15) Benzyl Alcohol	8.03	79	306689	36.437	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.32	45	208037	36.734	ng		98
17) 2-Methylphenol	8.22	107	236516	39.099	ng		97
18) Hexachloroethane	8.86	117	126024	36.962	ng		100
19) n-Nitroso-di-n-propylamine	8.60	70	264035	35.355	ng		98
20) 3+4-Methylphenols	8.55	107	305042	37.942	ng		97
22) Acetophenone	8.62	105	431212	40.578	ng	#	97
24) Nitrobenzene	9.00	77	394021	38.586	ng		98
25) Isophorone	9.52	82	641991	37.800	ng		99
26) 2-Nitrophenol	9.70	139	126077	40.896	ng		95
27) 2,4-Dimethylphenol	9.75	122	234394	45.668	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	353020	38.164	ng		99
29) 2,4-Dichlorophenol	10.23	162	261107	40.344	ng		99
30) 1,2,4-Trichlorobenzene	10.44	180	317647	39.888	ng		98
31) Naphthalene	10.63	128	782519	38.781	ng		99
32) Benzoic acid	9.86	122	125924	36.344	ng		92
33) 4-Chloroaniline	10.75	127	171352	20.632	ng		99
34) Hexachlorobutadiene	10.90	225	218276	38.747	ng		99
35) Caprolactam	11.53	113	70481m	36.421	ng		
36) 4-Chloro-3-methylphenol	11.86	107	281276	36.983	ng		99
37) 2-Methylnaphthalene	12.25	142	578494	39.326	ng		99
38) 1-Methylnaphthalene	12.47	142	548865	38.156	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	371902	42.080	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	490065	94.174	ng		100
43) 2,4,6-Trichlorophenol	12.85	196	218741	43.549	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	235550	41.978	ng		96
46) 1,1'-Biphenyl	13.26	154	751021	40.392	ng		100
47) 2-Chloronaphthalene	13.30	162	596506	40.181	ng		100
48) 2-Nitroaniline	13.52	65	204035	38.605	ng		96
49) Acenaphthylene	14.15	152	907471	38.196	ng		100
50) Dimethylphthalate	13.89	163	738816	38.481	ng		98
51) 2,6-Dinitrotoluene	14.02	165	155272	38.397	ng		100
52) Acenaphthene	14.50	154	529972	38.899	ng		98
53) 3-Nitroaniline	14.35	138	92049	24.526	ng		96
54) 2,4-Dinitrophenol	14.55	184	164880	81.252	ng		93
55) Dibenzofuran	14.83	168	901451	39.225	ng		99
56) 4-Nitrophenol	14.64	139	249974	78.063	ng		100
57) 2,4-Dinitrotoluene	14.80	165	211222	38.440	ng		99
58) Fluorene	15.48	166	713067	37.780	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	219030	41.076	ng		98
60) Diethylphthalate	15.26	149	719774	37.211	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	411340	38.465	ng		96
62) 4-Nitroaniline	15.51	138	141008	34.044	ng		96
63) Azobenzene	15.77	77	845207	37.039	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	99134	39.538	ng		98
66) n-Nitrosodiphenylamine	15.69	169	621401	40.901	ng		97
67) 4-Bromophenyl-phenylether	16.37	248	251206	39.676	ng		99
68) Hexachlorobenzene	16.47	284	292515	40.149	ng		97
69) Atrazine	16.64	200	230618	38.842	ng		97
70) Pentachlorophenol	16.82	266	351024	84.206	ng		97
71) Phenanthrene	17.22	178	1110624	38.968	ng		98
72) Anthracene	17.31	178	1129468	39.636	ng		99
73) Carbazole	17.58	167	967311	37.621	ng		99
74) Di-n-butylphthalate	18.14	149	1162347	37.564	ng		98
75) Fluoranthene	19.23	202	1339251	37.138	ng		100
77) Benzidine	19.43	184	447905	27.103	ng		99
78) Pyrene	19.60	202	1371966	39.533	ng		100
80) Butylbenzylphthalate	20.50	149	495392	39.253	ng		93
81) Benzo(a)anthracene	21.34	228	1364499	37.641	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	469081	33.904	ng		97
83) Chrysene	21.40	228	1345201	38.263	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	742416	37.910	ng		98
85) Di-n-octyl phthalate	22.16	149	1255252	38.565	ng		100
86) Indeno(1,2,3-cd)pyrene	25.98	276	1805650	43.179	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1514808	45.220	ng		99
89) Benzo(k)fluoranthene	23.00	252	1413781	46.267	ng		98
90) Benzo(a)pyrene	23.54	252	1424559	46.818	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1547764	48.913	ng		100
92) Benzo(g,h,i)perylene	26.69	276	1515212	50.436	ng		99

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

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