Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020095.D
Acq On : 01 May 2019 18:04
Operator : JU/SJ
Sample : IDOCSOIL-HP1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDOCSOIL-HP1

Manual Integrations APPROVED
Sohil
5/2/2019 4:55:24 PM

Quant Time: May 02 02:24:47 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	118313	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	431154	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	258378	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	576690	20.00	ng		0.00
76) Chrysene-d12	21.36	240	563660	20.00	ng		0.00
87) Perylene-d12	23.64	264	547468	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	978031	135.12	ng		0.00
7) Phenol-d6	6.95	99	1305363	132.01	ng		0.00
23) Nitrobenzene-d5	8.96	82	825224	75.56	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	529256	131.97	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1581816	75.32	ng		0.00
79) Terphenyl-d14	19.80	244	2523385	78.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	127182	35.827	ng		95
3) Pyridine	3.70	79	325855	35.891	ng		100
4) n-Nitrosodimethylamine	3.62	42	111960	38.456	ng		89
6) Aniline	7.12	93	357103	28.689	ng		98
8) 2-Chlorophenol	7.35	128	298416	37.864	ng		99
9) Benzaldehyde	6.94	77	215264	28.763	ng		97
10) Phenol	6.98	94	402029	37.767	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	283818	36.683	ng		98
12) 1,3-Dichlorobenzene	7.67	146	339317	37.004	ng		98
13) 1,4-Dichlorobenzene	7.83	146	343409	37.073	ng		94
14) 1,2-Dichlorobenzene	8.14	146	324758	36.799	ng		99
15) Benzyl Alcohol	8.03	79	346273	36.316	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	231773	36.127	ng		94
17) 2-Methylphenol	8.22	107	261028	38.092	ng		98
18) Hexachloroethane	8.86	117	139777	36.189	ng		95
19) n-Nitroso-di-n-propylamine	8.60	70	292725	34.602	ng		98
20) 3+4-Methylphenols	8.55	107	340736	37.413	ng		98
22) Acetophenone	8.62	105	481767	40.885	ng	#	98
24) Nitrobenzene	9.00	77	440217	38.878	ng		99
25) Isophorone	9.52	82	720693	38.268	ng		99
26) 2-Nitrophenol	9.70	139	140186	41.009	ng		96
27) 2,4-Dimethylphenol	9.75	122	258215	45.371	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	390599	38.081	ng		99
29) 2,4-Dichlorophenol	10.23	162	289983	40.408	ng		99
30) 1,2,4-Trichlorobenzene	10.44	180	357048	40.435	ng		97
31) Naphthalene	10.63	128	868078	38.798	ng		99
32) Benzoic acid	9.87	122	138677	36.141	ng		93
33) 4-Chloroaniline	10.75	127	192446	20.898	ng		98
34) Hexachlorobutadiene	10.90	225	242648	38.845	ng		94
35) Caprolactam	11.53	113	79471m	37.035	ng		
36) 4-Chloro-3-methylphenol	11.86	107	313314	37.152	ng		92
37) 2-Methylnaphthalene	12.25	142	648159	39.736	ng		98
38) 1-Methylnaphthalene	12.47	142	610697	38.287	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	410830	40.641	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	540834	90.865	ng		99
43) 2,4,6-Trichlorophenol	12.86	196	243032	42.303	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	257878	40.180	ng		95
46) 1,1'-Biphenyl	13.26	154	826791	38.877	ng		98
47) 2-Chloronaphthalene	13.30	162	673814	39.683	ng		99
48) 2-Nitroaniline	13.52	65	225263	37.264	ng		96
49) Acenaphthylene	14.16	152	1015438	37.367	ng		99
50) Dimethylphthalate	13.89	163	819084	37.299	ng		100
51) 2,6-Dinitrotoluene	14.02	165	173896	37.597	ng		99
52) Acenaphthene	14.50	154	593611	38.092	ng		99
53) 3-Nitroaniline	14.35	138	99325	23.138	ng		94
54) 2,4-Dinitrophenol	14.55	184	178806	77.477	ng		94
55) Dibenzofuran	14.83	168	1006495	38.291	ng		99
56) 4-Nitrophenol	14.64	139	279789	76.390	ng		98
57) 2,4-Dinitrotoluene	14.80	165	233850	37.208	ng		99
58) Fluorene	15.48	166	789686	36.580	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	240247	39.391	ng		99
60) Diethylphthalate	15.26	149	802997	36.294	ng		100
61) 4-Chlorophenyl-phenylether	15.47	204	463170	37.866	ng		100
62) 4-Nitroaniline	15.51	138	158371	33.429	ng		95
63) Azobenzene	15.77	77	940512	36.034	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	109068	39.053	ng		98
66) n-Nitrosodiphenylamine	15.69	169	690364	40.683	ng		96
67) 4-Bromophenyl-phenylether	16.37	248	281906	39.864	ng		99
68) Hexachlorobenzene	16.47	284	321950	39.563	ng		97
69) Atrazine	16.64	200	251948	37.992	ng		99
70) Pentachlorophenol	16.82	266	391226	84.025	ng		97
71) Phenanthrene	17.22	178	1235404	38.808	ng		99
72) Anthracene	17.31	178	1260050	39.589	ng		98
73) Carbazole	17.59	167	1081377	37.654	ng		98
74) Di-n-butylphthalate	18.14	149	1287344	37.248	ng		98
75) Fluoranthene	19.24	202	1473923	36.594	ng		99
77) Benzidine	19.43	184	493349	27.377	ng		99
78) Pyrene	19.60	202	1503980	39.742	ng		99
80) Butylbenzylphthalate	20.50	149	543631	39.503	ng		99
81) Benzo(a)anthracene	21.34	228	1470553	37.201	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	505195	33.485	ng		97
83) Chrysene	21.40	228	1459175	38.062	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	816250	38.223	ng		99
85) Di-n-octyl phthalate	22.17	149	1361232	38.352	ng		99
86) Indeno(1,2,3-cd)pyrene	25.98	276	1940984	42.565	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1593125	44.068	ng		100
89) Benzo(k)fluoranthene	23.00	252	1543019	46.790	ng		98
90) Benzo(a)pyrene	23.55	252	1534077	46.717	ng		100
91) Dibenzo(a,h)anthracene	25.99	278	1665976	48.785	ng		99
92) Benzo(g,h,i)perylene	26.69	276	1621743	50.020	ng		98

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

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