Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020097.D
Acq On : 01 May 2019 19:17
Operator : JU/SJ
Sample : IDOCSOIL-HP3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDOCSOIL-HP3

Manual Integrations APPROVED
Sohil
5/2/2019 4:55:29 PM

Quant Time: May 02 02:30:10 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	119035	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	429948	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	254200	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	563330	20.00	ng		0.00
76) Chrysene-d12	21.36	240	508177	20.00	ng		0.00
87) Perylene-d12	23.64	264	523772	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	972054	133.48	ng		0.00
7) Phenol-d6	6.95	99	1287133	129.38	ng		0.00
23) Nitrobenzene-d5	8.95	82	825488	75.80	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	521606	132.20	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1563224	75.66	ng		0.00
79) Terphenyl-d14	19.80	244	2411567	82.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	132687	37.151	ng		95
3) Pyridine	3.70	79	339114	37.125	ng		99
4) n-Nitrosodimethylamine	3.62	42	113728	38.827	ng		93
6) Aniline	7.12	93	396641	31.672	ng		99
8) 2-Chlorophenol	7.35	128	296391	37.379	ng		97
9) Benzaldehyde	6.94	77	265047	35.200	ng		99
10) Phenol	6.98	94	397001	37.068	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	288541	37.067	ng		99
12) 1,3-Dichlorobenzene	7.67	146	339926	36.846	ng		98
13) 1,4-Dichlorobenzene	7.83	146	351322	37.697	ng		97
14) 1,2-Dichlorobenzene	8.14	146	329870	37.151	ng		97
15) Benzyl Alcohol	8.03	79	344720	35.934	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	233229	36.133	ng		99
17) 2-Methylphenol	8.22	107	256265	37.170	ng		99
18) Hexachloroethane	8.86	117	141956	36.531	ng		95
19) n-Nitroso-di-n-propylamine	8.60	70	298049	35.017	ng		97
20) 3+4-Methylphenols	8.55	107	335409	36.605	ng		98
22) Acetophenone	8.62	105	481490	40.976	ng	#	98
24) Nitrobenzene	9.00	77	439651	38.937	ng		98
25) Isophorone	9.52	82	720494	38.365	ng		99
26) 2-Nitrophenol	9.70	139	137953	40.469	ng		97
27) 2,4-Dimethylphenol	9.75	122	258283	45.510	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	391787	38.304	ng		99
29) 2,4-Dichlorophenol	10.23	162	292436	40.864	ng		99
30) 1,2,4-Trichlorobenzene	10.45	180	358032	40.660	ng		96
31) Naphthalene	10.63	128	867485	38.880	ng		100
32) Benzoic acid	9.86	122	137020	35.870	ng		96
33) 4-Chloroaniline	10.75	127	164413	17.904	ng		98
34) Hexachlorobutadiene	10.90	225	244488	39.249	ng		97
35) Caprolactam	11.52	113	75581m	35.321	ng		
36) 4-Chloro-3-methylphenol	11.86	107	308373	36.669	ng		97
37) 2-Methylnaphthalene	12.25	142	642247	39.484	ng		98
38) 1-Methylnaphthalene	12.47	142	602665	37.890	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	411602	41.387	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	647665	110.602	ng		98
43) 2,4,6-Trichlorophenol	12.85	196	244291	43.221	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	259468	41.092	ng		95
46) 1,1'-Biphenyl	13.26	154	833675	39.845	ng		99
47) 2-Chloronaphthalene	13.30	162	665686	39.848	ng		99
48) 2-Nitroaniline	13.52	65	222610	37.430	ng		99
49) Acenaphthylene	14.16	152	998393	37.344	ng		100
50) Dimethylphthalate	13.89	163	813373	37.647	ng		99
51) 2,6-Dinitrotoluene	14.02	165	168757	37.086	ng		98
52) Acenaphthene	14.50	154	583952	38.088	ng		99
53) 3-Nitroaniline	14.35	138	96608	22.875	ng		98
54) 2,4-Dinitrophenol	14.55	184	181032	79.485	ng		95
55) Dibenzofuran	14.83	168	984633	38.075	ng		99
56) 4-Nitrophenol	14.64	139	264225	73.326	ng		95
57) 2,4-Dinitrotoluene	14.80	165	234116	37.863	ng		99
58) Fluorene	15.48	166	784708	36.947	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.05	232	238978	39.827	ng		99
60) Diethylphthalate	15.26	149	805223	36.993	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	460703	38.284	ng		97
62) 4-Nitroaniline	15.51	138	153921	33.024	ng		97
63) Azobenzene	15.77	77	934183	36.380	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	108929	39.767	ng		97
66) n-Nitrosodiphenylamine	15.69	169	678806	40.950	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	276100	39.969	ng		99
68) Hexachlorobenzene	16.47	284	316237	39.782	ng		96
69) Atrazine	16.64	200	249381	38.497	ng		99
70) Pentachlorophenol	16.82	266	375175	82.488	ng		98
71) Phenanthrene	17.22	178	1211296	38.953	ng		98
72) Anthracene	17.31	178	1232361	39.638	ng		100
73) Carbazole	17.59	167	1036289	36.940	ng		99
74) Di-n-butylphthalate	18.14	149	1252529	37.100	ng		99
75) Fluoranthene	19.23	202	1416858	36.011	ng		99
77) Benzidine	19.43	184	667066	41.058	ng		99
78) Pyrene	19.60	202	1441188	42.241	ng		99
80) Butylbenzylphthalate	20.50	149	504838	40.689	ng		98
81) Benzo(a)anthracene	21.34	228	1334231	37.438	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	404253	29.720	ng		98
83) Chrysene	21.40	228	1327277	38.402	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	749702	38.940	ng		98
85) Di-n-octyl phthalate	22.16	149	1227994	38.376	ng		99
86) Indeno(1,2,3-cd)pyrene	25.97	276	1586763	38.596	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1367220	39.530	ng		100
89) Benzo(k)fluoranthene	23.00	252	1305845	41.390	ng		99
90) Benzo(a)pyrene	23.55	252	1292816	41.151	ng		100
91) Dibenzo(a,h)anthracene	25.99	278	1350850	41.346	ng		99
92) Benzo(g,h,i)perylene	26.69	276	1318181	42.496	ng		98

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

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