Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
Data File : BM020098.D
Acq On : 01 May 2019 19:53
Operator : JU/SJ
Sample : IDOCSOIL-HP4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IDOCSOIL-HP4

Manual Integrations APPROVED
Sohil
5/2/2019 4:55:31 PM

Quant Time: May 02 02:32:28 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	134601	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	511866	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	299829	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	687925	20.00	ng		0.00
76) Chrysene-d12	21.36	240	616917	20.00	ng		0.00
87) Perylene-d12	23.65	264	548437	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1155964	140.38	ng		0.00
7) Phenol-d6	6.96	99	1538237	136.74	ng		0.00
23) Nitrobenzene-d5	8.96	82	978509	75.47	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	627767	134.89	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1887622	77.46	ng		0.00
79) Terphenyl-d14	19.80	244	2930464	82.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	139808	34.618	ng		96
3) Pyridine	3.70	79	343562	33.262	ng		98
4) n-Nitrosodimethylamine	3.62	42	127889	38.612	ng		93
6) Aniline	7.13	93	457435	32.302	ng		98
8) 2-Chlorophenol	7.35	128	353555	39.432	ng		97
9) Benzaldehyde	6.94	77	257663	30.262	ng		98
10) Phenol	6.98	94	470998	38.892	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	339862	38.611	ng		99
12) 1,3-Dichlorobenzene	7.67	146	392373	37.612	ng		99
13) 1,4-Dichlorobenzene	7.83	146	399483	37.907	ng		99
14) 1,2-Dichlorobenzene	8.14	146	380461	37.894	ng		96
15) Benzyl Alcohol	8.03	79	407841	37.598	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	265861	36.426	ng		96
17) 2-Methylphenol	8.22	107	306457	39.310	ng		98
18) Hexachloroethane	8.86	117	161956	36.858	ng		98
19) n-Nitroso-di-n-propylamine	8.60	70	353085	36.686	ng		97
20) 3+4-Methylphenols	8.55	107	399809	38.587	ng		98
22) Acetophenone	8.62	105	570583	40.787	ng	#	97
24) Nitrobenzene	9.00	77	519639	38.656	ng		98
25) Isophorone	9.52	82	853700	38.183	ng		99
26) 2-Nitrophenol	9.70	139	165498	40.780	ng		98
27) 2,4-Dimethylphenol	9.75	122	308389	45.643	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	471615	38.730	ng		100
29) 2,4-Dichlorophenol	10.23	162	348333	40.885	ng		98
30) 1,2,4-Trichlorobenzene	10.45	180	417798	39.854	ng		99
31) Naphthalene	10.63	128	1032957	38.887	ng		99
32) Benzoic acid	9.87	122	169062	36.935	ng		95
33) 4-Chloroaniline	10.75	127	233889	21.393	ng		96
34) Hexachlorobutadiene	10.90	225	289250	39.004	ng		98
35) Caprolactam	11.53	113	91366m	35.864	ng		
36) 4-Chloro-3-methylphenol	11.86	107	371421	37.097	ng		94
37) 2-Methylnaphthalene	12.25	142	768192	39.669	ng		100
38) 1-Methylnaphthalene	12.47	142	727059	38.395	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	495739	42.261	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	645836	93.505	ng		99
43) 2,4,6-Trichlorophenol	12.85	196	291461	43.719	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	313617	42.109	ng		96
46) 1,1'-Biphenyl	13.26	154	996921	40.396	ng		98
47) 2-Chloronaphthalene	13.30	162	792899	40.240	ng		99
48) 2-Nitroaniline	13.52	65	266879	38.044	ng		98
49) Acenaphthylene	14.16	152	1196818	37.953	ng		99
50) Dimethylphthalate	13.89	163	978348	38.392	ng		99
51) 2,6-Dinitrotoluene	14.02	165	206676	38.507	ng		99
52) Acenaphthene	14.50	154	709721	39.247	ng		99
53) 3-Nitroaniline	14.35	138	125570	25.207	ng		92
54) 2,4-Dinitrophenol	14.55	184	225833	83.577	ng		97
55) Dibenzofuran	14.83	168	1176148	38.559	ng		99
56) 4-Nitrophenol	14.65	139	329014	77.411	ng		94
57) 2,4-Dinitrotoluene	14.80	165	281498	38.598	ng		99
58) Fluorene	15.48	166	941521	37.584	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	290522	41.049	ng		98
60) Diethylphthalate	15.26	149	958419	37.330	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	556650	39.217	ng		97
62) 4-Nitroaniline	15.51	138	186228	33.875	ng		97
63) Azobenzene	15.77	77	1118462	36.927	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	135749	40.436	ng		98
66) n-Nitrosodiphenylamine	15.69	169	816020	40.312	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	333852	39.576	ng		99
68) Hexachlorobenzene	16.47	284	384498	39.609	ng		95
69) Atrazine	16.64	200	297708	37.634	ng		100
70) Pentachlorophenol	16.82	266	463099	83.379	ng		96
71) Phenanthrene	17.22	178	1448225	38.137	ng		99
72) Anthracene	17.31	178	1481495	39.020	ng		99
73) Carbazole	17.59	167	1260473	36.793	ng		98
74) Di-n-butylphthalate	18.14	149	1538784	37.324	ng		98
75) Fluoranthene	19.23	202	1709901	35.588	ng		99
77) Benzidine	19.43	184	589290	29.878	ng		99
78) Pyrene	19.60	202	1734616	41.880	ng		100
80) Butylbenzylphthalate	20.50	149	636604	42.265	ng		99
81) Benzo(a)anthracene	21.34	228	1628220	37.634	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	566758	34.323	ng		97
83) Chrysene	21.40	228	1607778	38.318	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	920129	39.368	ng		99
85) Di-n-octyl phthalate	22.16	149	1503077	38.693	ng		99
86) Indeno(1,2,3-cd)pyrene	25.97	276	1910960	38.289	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1641508	45.326	ng		100
89) Benzo(k)fluoranthene	23.00	252	1600216	48.439	ng		99
90) Benzo(a)pyrene	23.55	252	1572071	47.789	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1644133	48.060	ng		98
92) Benzo(g,h,i)perylene	26.69	276	1596549	49.156	ng		99

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

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