Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020241.D
Acq On : 10 May 2019 14:39
Operator : JU/SJ
Sample : K2746-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMP-5.8.19MS

Manual Integrations APPROVED
Sohil
5/17/2019 5:59:41 PM

Quant Time: May 11 02:04:40 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	7.77	152	67455	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	299170	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	214621	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	547059	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	637155	20.00	ng		-0.01
87) Perylene-d12	23.65	264	738421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	402673	97.58	ng		-0.01
7) Phenol-d6	6.95	99	602589	106.89	ng		0.00
23) Nitrobenzene-d5	8.95	82	410520	54.17	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	326756	98.09	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	876866	50.27	ng		-0.02
79) Terphenyl-d14	19.79	244	1823741	49.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	45030	22.249	ng	#	88
3) Pyridine	3.69	79	126700	24.477	ng		94
4) n-Nitrosodimethylamine	3.61	42	43387	26.139	ng	#	72
6) Aniline	7.11	93	165068	23.260	ng		96
8) 2-Chlorophenol	7.34	128	146572	32.620	ng		98
9) Benzaldehyde	6.93	77	82592	19.356	ng		93
10) Phenol	6.97	94	219491	36.165	ng		92
11) bis(2-Chloroethyl)ether	7.21	93	136302	30.899	ng		94
12) 1,3-Dichlorobenzene	7.66	146	141862	27.135	ng		95
13) 1,4-Dichlorobenzene	7.81	146	147343	27.899	ng		96
14) 1,2-Dichlorobenzene	8.12	146	142079	28.237	ng		99
15) Benzyl Alcohol	8.02	79	171229	31.498	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.29	45	110422	30.189	ng		97
17) 2-Methylphenol	8.22	107	137692	35.243	ng		93
18) Hexachloroethane	8.85	117	57018	25.893	ng		97
19) n-Nitroso-di-n-propylamine	8.58	70	151231	31.354	ng		96
20) 3+4-Methylphenols	8.54	107	190598	36.707	ng		95
22) Acetophenone	8.60	105	242181	29.620	ng	#	97
24) Nitrobenzene	8.99	77	214318	27.278	ng		94
25) Isophorone	9.50	82	395887	30.295	ng		97
26) 2-Nitrophenol	9.69	139	81903	34.529	ng		89
27) 2,4-Dimethylphenol	9.74	122	142706	36.137	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	211002	29.647	ng		98
29) 2,4-Dichlorophenol	10.22	162	161413	32.415	ng		97
30) 1,2,4-Trichlorobenzene	10.43	180	169771	27.708	ng		98
31) Naphthalene	10.62	128	448705	28.902	ng		100
32) Benzoic acid	9.82	122	16609	11.708	ng	#	82
33) 4-Chloroaniline	10.74	127	117018	18.313	ng		96
34) Hexachlorobutadiene	10.88	225	108030	24.924	ng		98
35) Caprolactam	11.55	113	56680m	38.067	ng		
36) 4-Chloro-3-methylphenol	11.86	107	193971	33.148	ng		95
37) 2-Methylnaphthalene	12.23	142	353196	31.206	ng		95
38) 1-Methylnaphthalene	12.45	142	338145	30.552	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	216426	25.775	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	219143	44.324	ng		100
43) 2,4,6-Trichlorophenol	12.84	196	150161	31.466	ng		96
44) 2,4,5-Trichlorophenol	12.92	196	166466	31.225	ng		99
46) 1,1'-Biphenyl	13.25	154	479969	27.170	ng		100
47) 2-Chloronaphthalene	13.29	162	388352	27.534	ng		99
48) 2-Nitroaniline	13.51	65	146370	29.149	ng		92
49) Acenaphthylene	14.14	152	622135	27.561	ng		100
50) Dimethylphthalate	13.88	163	603535	33.087	ng		100
51) 2,6-Dinitrotoluene	14.01	165	114964	29.923	ng		88
52) Acenaphthene	14.49	154	365081	28.204	ng		98
53) 3-Nitroaniline	14.34	138	80752	22.646	ng		95
54) 2,4-Dinitrophenol	14.55	184	90607	50.568	ng		90
55) Dibenzofuran	14.82	168	623543	28.558	ng		96
56) 4-Nitrophenol	14.65	139	199224	65.483	ng		85
57) 2,4-Dinitrotoluene	14.80	165	166807	31.952	ng		90
58) Fluorene	15.47	166	510063	28.445	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.04	232	164997	32.568	ng		98
60) Diethylphthalate	15.24	149	530696	28.877	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	282364	27.791	ng		97
62) 4-Nitroaniline	15.51	138	115304m	29.301	ng		
63) Azobenzene	15.76	77	570959	26.335	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	88272	34.370	ng		93
66) n-Nitrosodiphenylamine	15.68	169	463576	28.798	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	181631	27.075	ng		96
68) Hexachlorobenzene	16.46	284	209342	27.118	ng		96
69) Atrazine	16.63	200	179062	28.464	ng		98
70) Pentachlorophenol	16.82	266	288063	65.219	ng		97
71) Phenanthrene	17.21	178	854281	28.289	ng		100
72) Anthracene	17.30	178	872537	28.899	ng		99
73) Carbazole	17.58	167	806910	29.619	ng		99
74) Di-n-butylphthalate	18.13	149	936357	28.560	ng		98
75) Fluoranthene	19.23	202	1123291	29.399	ng		99
77) Benzidine	19.42	184	516056	25.334	ng		99
78) Pyrene	19.59	202	1160879	27.137	ng		100
80) Butylbenzylphthalate	20.49	149	474013	30.471	ng		97
81) Benzo(a)anthracene	21.34	228	1205069	26.969	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	410023	24.042	ng		99
83) Chrysene	21.40	228	1200131	27.694	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	693281	28.720	ng		99
85) Di-n-octyl phthalate	22.15	149	1244492	31.019	ng		97
86) Indeno(1,2,3-cd)pyrene	25.98	276	1413883	27.429	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1315433	26.977	ng		99
89) Benzo(k)fluoranthene	23.00	252	1321179	29.703	ng		98
90) Benzo(a)pyrene	23.55	252	1286425	29.045	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1220799	26.504	ng		99
92) Benzo(g,h,i)perylene	26.70	276	1111141	25.409	ng		99

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

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