Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114225.D
Acq On : 13 May 2019 13:39
Operator : JU/SJ
Sample : K2766-13MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MSD

Manual Integrations APPROVED
Sohil
5/14/2019 8:03:06 PM

Quant Time: May 14 05:09:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	294246	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1122672	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	538495	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	997295	20.00	ng		0.01
76) Chrysene-d12	14.03	240	569449	20.00	ng		0.00
87) Perylene-d12	15.52	264	624789	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1946481	106.46	ng		0.02
7) Phenol-d6	6.51	99	2578825	119.25	ng		0.02
23) Nitrobenzene-d5	7.42	82	1684948	84.23	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	598250	107.46	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	2555561	71.79	ng		0.00
79) Terphenyl-d14	12.96	244	2175627	78.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	301272	29.977	ng		99
3) Pyridine	3.45	79	170638	6.162	ng		92
4) n-Nitrosodimethylamine	3.33	42	458038	34.302	ng		92
6) Aniline	6.52	93	53279	1.706	ng	#	1
8) 2-Chlorophenol	6.65	128	805618	41.272	ng		96
9) Benzaldehyde	6.40	77	277170	18.308	ng		98
10) Phenol	6.52	94	976474	38.384	ng		88
11) bis(2-Chloroethyl)ether	6.59	93	819255	42.419	ng		99
12) 1,3-Dichlorobenzene	6.80	146	806382	36.803	ng		99
13) 1,4-Dichlorobenzene	6.87	146	822445	37.250	ng		97
14) 1,2-Dichlorobenzene	7.03	146	763526	37.851	ng		99
15) Benzyl Alcohol	7.00	79	668084	39.610	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1442175	38.511	ng		76
17) 2-Methylphenol	7.12	107	637526	39.759	ng	#	92
18) Hexachloroethane	7.37	117	298549	36.023	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	568726	41.490	ng		99
20) 3+4-Methylphenols	7.27	107	774189	41.789	ng	#	62
22) Acetophenone	7.26	105	1091178	43.874	ng	#	90
24) Nitrobenzene	7.44	77	881396	43.259	ng		98
25) Isophorone	7.68	82	1587951	42.801	ng		100
26) 2-Nitrophenol	7.76	139	454917	46.020	ng		98
27) 2,4-Dimethylphenol	7.80	122	672231	43.298	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	1042334	43.300	ng		99
29) 2,4-Dichlorophenol	8.00	162	661330	42.777	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	693718	39.461	ng		99
31) Naphthalene	8.16	128	2200372	41.958	ng		99
32) Benzoic acid	7.94	122	491031	44.889	ng		99
33) 4-Chloroaniline	8.22	127	42711	1.787	ng		93
34) Hexachlorobutadiene	8.27	225	384449	38.435	ng		97
35) Caprolactam	8.59	113	181339m	35.973	ng		
36) 4-Chloro-3-methylphenol	8.70	107	692180	44.480	ng		97
37) 2-Methylnaphthalene	8.85	142	1481546	43.787	ng		98
38) 1-Methylnaphthalene	8.95	142	1386681	43.520	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	674327	41.339	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	300282	41.701	ng		96
43) 2,4,6-Trichlorophenol	9.13	196	468826	41.785	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	486161	42.251	ng		96
46) 1,1'-Biphenyl	9.32	154	1805409	41.501	ng		99
47) 2-Chloronaphthalene	9.34	162	1364830	38.983	ng		99
48) 2-Nitroaniline	9.44	65	498706	40.165	ng		98
49) Acenaphthylene	9.76	152	2151238	40.399	ng		99
50) Dimethylphthalate	9.62	163	2115400	53.513	ng	#	96
51) 2,6-Dinitrotoluene	9.68	165	378276	43.144	ng		92
52) Acenaphthene	9.93	154	1248053	38.195	ng		98
53) 3-Nitroaniline	9.85	138	98772	9.075	ng		96
54) 2,4-Dinitrophenol	9.96	184	307291	70.568	ng		94
55) Dibenzofuran	10.10	168	1878980	39.215	ng		99
56) 4-Nitrophenol	10.03	139	533396	69.299	ng		89
57) 2,4-Dinitrotoluene	10.09	165	483957	40.667	ng		95
58) Fluorene	10.45	166	1481048	40.018	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	408384	41.133	ng		100
60) Diethylphthalate	10.31	149	1620112	40.336	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	732562	40.301	ng		96
62) 4-Nitroaniline	10.46	138	123298	10.781	ng		99
63) Azobenzene	10.59	77	1568976	40.356	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	196120	40.925	ng		94
66) n-Nitrosodiphenylamine	10.55	169	1302532	43.033	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	468918	42.704	ng		97
68) Hexachlorobenzene	11.00	284	516571	42.525	ng		93
69) Atrazine	11.08	200	374593	39.769	ng		98
70) Pentachlorophenol	11.19	266	485405	84.295	ng		99
71) Phenanthrene	11.40	178	2053685	42.327	ng		100
72) Anthracene	11.46	178	2056635	42.201	ng		99
73) Carbazole	11.61	167	1779603	38.294	ng		99
74) Di-n-butylphthalate	11.93	149	2360504	44.089	ng		98
75) Fluoranthene	12.59	202	2014883	38.563	ng		98
77) Benzidine	12.68	184	44934m	1.758	ng		
78) Pyrene	12.82	202	2056703	44.897	ng		99
80) Butylbenzylphthalate	13.43	149	826630	42.871	ng		94
81) Benzo(a)anthracene	14.02	228	1587848	43.111	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	7808	0.546	ng	#	47
83) Chrysene	14.06	228	1361589	37.711	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1264881	50.158	ng		100
85) Di-n-octyl phthalate	14.63	149	2070863	50.658	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1456815	45.655	ng		98
88) Benzo(b)fluoranthene	15.09	252	1730857	43.242	ng		98
89) Benzo(k)fluoranthene	15.12	252	1437987	39.108	ng		100
90) Benzo(a)pyrene	15.46	252	1546569	43.902	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	1214736	41.498	ng		98
92) Benzo(g,h,i)perylene	17.47	276	1187630	40.485	ng		99

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

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