Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
Data File : BF114259.D
Acq On : 14 May 2019 17:59
Operator : JU/SJ
Sample : K2764-20MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P026-SS002-1218-01MS

Quant Time: May 15 02:04:52 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	255881	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	973253	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	446557	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	807662	20.00	ng		0.01
76) Chrysene-d12	14.03	240	593993	20.00	ng		0.01
87) Perylene-d12	15.52	264	664036	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1382928	86.97	ng		0.02
7) Phenol-d6	6.52	99	1792468	95.31	ng		0.02
23) Nitrobenzene-d5	7.42	82	1128524	65.07	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	362907	78.61	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	1635636	55.41	ng		0.00
79) Terphenyl-d14	12.96	244	1399582	48.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	225050	25.750	ng		98
3) Pyridine	3.42	79	483032	20.059	ng		96
4) n-Nitrosodimethylamine	3.35	42	325034	27.991	ng		91
6) Aniline	6.52	93	286997	10.565	ng	#	1
8) 2-Chlorophenol	6.66	128	568456	33.488	ng		92
9) Benzaldehyde	6.40	77	259860	19.738	ng		96
10) Phenol	6.53	94	685872	31.003	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	563794	33.568	ng		99
12) 1,3-Dichlorobenzene	6.80	146	579468	30.412	ng		98
13) 1,4-Dichlorobenzene	6.87	146	584117	30.422	ng		99
14) 1,2-Dichlorobenzene	7.03	146	552815	31.514	ng		98
15) Benzyl Alcohol	7.00	79	472264	32.198	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1003190	30.805	ng		58
17) 2-Methylphenol	7.13	107	441256	31.645	ng	#	89
18) Hexachloroethane	7.37	117	206312	28.626	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	403065	33.814	ng		96
20) 3+4-Methylphenols	7.28	107	591773	36.732	ng	#	56
22) Acetophenone	7.26	105	774145	35.905	ng	#	88
24) Nitrobenzene	7.44	77	611040	34.594	ng		98
25) Isophorone	7.68	82	1086637	33.785	ng		99
26) 2-Nitrophenol	7.76	139	309229	36.084	ng		98
27) 2,4-Dimethylphenol	7.80	122	488921	36.326	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	699624	33.525	ng		100
29) 2,4-Dichlorophenol	8.00	162	453435	33.833	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	487730	32.003	ng		100
31) Naphthalene	8.16	128	1572048	34.579	ng		99
32) Benzoic acid	7.92	122	224276	26.972	ng		97
33) 4-Chloroaniline	8.21	127	178607	8.621	ng		97
34) Hexachlorobutadiene	8.27	225	266836	30.772	ng		98
35) Caprolactam	8.59	113	148487	33.978	ng		97
36) 4-Chloro-3-methylphenol	8.71	107	477725	35.412	ng		97
37) 2-Methylnaphthalene	8.85	142	1044374	35.605	ng		97
38) 1-Methylnaphthalene	8.95	142	979166	35.448	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	462493	34.190	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	71861	15.110	ng		98
43) 2,4,6-Trichlorophenol	9.14	196	310925	33.417	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	323089	33.859	ng		97
46) 1,1'-Biphenyl	9.32	154	1239087	34.347	ng		99
47) 2-Chloronaphthalene	9.34	162	946957	32.616	ng		98
48) 2-Nitroaniline	9.44	65	335034	32.538	ng		99
49) Acenaphthylene	9.76	152	1548157	35.059	ng		99
50) Dimethylphthalate	9.61	163	1262126	38.501	ng		100
51) 2,6-Dinitrotoluene	9.68	165	251691	34.616	ng		88
52) Acenaphthene	9.93	154	858199	31.671	ng		99
53) 3-Nitroaniline	9.85	138	160915	17.829	ng		97
54) 2,4-Dinitrophenol	9.96	184	112376	34.890	ng		98
55) Dibenzofuran	10.10	168	1274048	32.064	ng		99
56) 4-Nitrophenol	10.03	139	315017	49.353	ng		99
57) 2,4-Dinitrotoluene	10.09	165	319864	32.412	ng		92
58) Fluorene	10.45	166	1006463	32.793	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	243780	29.609	ng		99
60) Diethylphthalate	10.31	149	1091083	32.757	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	489970	32.504	ng		95
62) 4-Nitroaniline	10.46	138	244644	25.795	ng		97
63) Azobenzene	10.59	77	1037616	32.184	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	87197	22.468	ng		81
66) n-Nitrosodiphenylamine	10.55	169	889266	36.278	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	294202	33.083	ng		97
68) Hexachlorobenzene	11.00	284	312158	31.731	ng		96
69) Atrazine	11.08	200	257199	33.717	ng		100
70) Pentachlorophenol	11.20	266	256850	55.077	ng		98
71) Phenanthrene	11.40	178	1506748	38.346	ng		99
72) Anthracene	11.46	178	1397813	35.417	ng		99
73) Carbazole	11.62	167	1261765	33.526	ng		98
74) Di-n-butylphthalate	11.93	149	1571161	36.236	ng		99
75) Fluoranthene	12.60	202	1674766	39.579	ng		99
77) Benzidine	12.72	184	70166	2.632	ng		97
78) Pyrene	12.83	202	1950757	40.825	ng		100
80) Butylbenzylphthalate	13.43	149	666301	33.128	ng		100
81) Benzo(a)anthracene	14.02	228	1497304	38.973	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	373556	25.064	ng	#	99
83) Chrysene	14.06	228	1464549	38.887	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	934228	35.516	ng		99
85) Di-n-octyl phthalate	14.62	149	1668639	39.132	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1359370	40.841	ng		99
88) Benzo(b)fluoranthene	15.09	252	1594240	37.475	ng		99
89) Benzo(k)fluoranthene	15.12	252	1365495	34.942	ng		100
90) Benzo(a)pyrene	15.46	252	1475167	39.400	ng		100
91) Dibenzo(a,h)anthracene	17.03	278	1050457	33.765	ng		99
92) Benzo(g,h,i)perylene	17.46	276	1133285	36.349	ng		99

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

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