Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114319.D
Acq On : 16 May 2019 19:46
Operator : JU/SJ
Sample : K2866-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-COMP-1MSD

Manual Integrations APPROVED
mohammad
5/17/2019 3:04:00 PM

Quant Time: May 17 09:09:13 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	6.85	152	227923	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	849055	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	315167	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	411905	20.00	ng		0.02
76) Chrysene-d12	14.03	240	367264	20.00	ng		0.00
87) Perylene-d12	15.50	264	521952	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1511051	106.69	ng		0.00
7) Phenol-d6	6.50	99	1954458	116.68	ng		0.01
23) Nitrobenzene-d5	7.42	82	1190833	78.71	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	312543	95.92	ng		0.02
45) 2-Fluorobiphenyl	9.21	172	1831706	87.91	ng		0.00
79) Terphenyl-d14	12.97	244	1151986	64.66	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	216483	27.808	ng		98
3) Pyridine	3.39	79	600115	27.979	ng		96
4) n-Nitrosodimethylamine	3.33	42	327364	31.650	ng		93
6) Aniline	6.52	93	642475	26.551	ng	#	12
8) 2-Chlorophenol	6.65	128	592798	39.206	ng		95
9) Benzaldehyde	6.40	77	441602	37.657	ng		99
10) Phenol	6.52	94	735276	37.313	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	587079	39.242	ng		98
12) 1,3-Dichlorobenzene	6.79	146	599996	35.351	ng		99
13) 1,4-Dichlorobenzene	6.87	146	609418	35.633	ng		97
14) 1,2-Dichlorobenzene	7.02	146	565490	36.191	ng		99
15) Benzyl Alcohol	7.00	79	497655	38.091	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1051868	36.262	ng		84
17) 2-Methylphenol	7.12	107	474798	38.227	ng	#	93
18) Hexachloroethane	7.36	117	230615	35.923	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	403454	37.998	ng		97
20) 3+4-Methylphenols	7.27	107	602663	41.997	ng	#	62
22) Acetophenone	7.26	105	797668	42.408	ng	#	90
24) Nitrobenzene	7.43	77	621507	40.333	ng		98
25) Isophorone	7.67	82	1130242	40.281	ng		98
26) 2-Nitrophenol	7.75	139	318325	42.580	ng		99
27) 2,4-Dimethylphenol	7.79	122	525312	44.739	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	719236	39.506	ng		99
29) 2,4-Dichlorophenol	8.00	162	485388	41.515	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	492674	37.056	ng		99
31) Naphthalene	8.16	128	1645106	41.479	ng		98
32) Benzoic acid	7.90	122	150356	22.353	ng		96
33) 4-Chloroaniline	8.20	127	327379	18.114	ng		99
34) Hexachlorobutadiene	8.27	225	270463	35.753	ng		99
35) Caprolactam	8.57	113	163392m	42.858	ng		
36) 4-Chloro-3-methylphenol	8.70	107	487589	41.430	ng		97
37) 2-Methylnaphthalene	8.85	142	1020366	39.875	ng		99
38) 1-Methylnaphthalene	8.95	142	958746	39.786	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	443830	46.489	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	236817	54.690	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	294611	44.864	ng		100
44) 2,4,5-Trichlorophenol	9.18	196	308669	45.834	ng	#	91
46) 1,1'-Biphenyl	9.31	154	1160824	45.592	ng		97
47) 2-Chloronaphthalene	9.34	162	860306	41.985	ng		98
48) 2-Nitroaniline	9.43	65	321692	44.267	ng		98
49) Acenaphthylene	9.76	152	1271303	40.792	ng		97
50) Dimethylphthalate	9.61	163	1171282	50.625	ng		99
51) 2,6-Dinitrotoluene	9.67	165	257992	50.275	ng		98
52) Acenaphthene	9.93	154	714174	37.343	ng		100
53) 3-Nitroaniline	9.85	138	258488	40.578	ng	#	89
54) 2,4-Dinitrophenol	9.96	184	92363	39.522	ng		94
55) Dibenzofuran	10.10	168	1057601	37.713	ng		99
56) 4-Nitrophenol	10.03	139	272307	60.447	ng	#	79
57) 2,4-Dinitrotoluene	10.09	165	254405	36.526	ng		96
58) Fluorene	10.45	166	751855	34.710	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	177162	30.488	ng	#	90
60) Diethylphthalate	10.32	149	774328	32.939	ng		97
61) 4-Chlorophenyl-phenylether	10.43	204	370501	34.826	ng		96
62) 4-Nitroaniline	10.46	138	175121	26.162	ng		86
63) Azobenzene	10.60	77	756564	33.249	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	82294	41.578	ng	#	42
66) n-Nitrosodiphenylamine	10.55	169	732499	58.593	ng		97
67) 4-Bromophenyl-phenylether	10.93	248	224203	49.436	ng		95
68) Hexachlorobenzene	11.01	284	206971	41.252	ng		95
69) Atrazine	11.09	200	176780	45.440	ng		87
70) Pentachlorophenol	11.20	266	154275	64.866	ng		99
71) Phenanthrene	11.42	178	907163	45.268	ng		98
72) Anthracene	11.47	178	889978	44.216	ng		98
73) Carbazole	11.62	167	818236	42.630	ng		96
74) Di-n-butylphthalate	11.94	149	940740	42.542	ng		96
75) Fluoranthene	12.60	202	946336	43.852	ng		97
77) Benzidine	12.72	184	512839	31.108	ng	#	97
78) Pyrene	12.83	202	986433	33.388	ng		98
80) Butylbenzylphthalate	13.43	149	434857	34.969	ng		98
81) Benzo(a)anthracene	14.02	228	976254	41.098	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	120719	13.100	ng	#	98
83) Chrysene	14.05	228	974170	41.835	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	629700	38.717	ng		100
85) Di-n-octyl phthalate	14.60	149	1179800	44.748	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1491377	72.468	ng		99
88) Benzo(b)fluoranthene	15.07	252	1281178	38.314	ng		99
89) Benzo(k)fluoranthene	15.10	252	1032458	33.612	ng		98
90) Benzo(a)pyrene	15.44	252	1190606	40.457	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1200434	49.089	ng		99
92) Benzo(g,h,i)perylene	17.44	276	1301862	53.122	ng		98

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

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