Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117152.D
Acq On : 18 Sep 2019 18:41
Operator : HP/JU
Sample : K4666-18MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-091619MSD

Manual Integrations APPROVED
Jagrut
9/19/2019 10:42:13 AM

Quant Time: Sep 19 07:55:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63317	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	247981	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	121043	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	201219	20.00	ng		0.00
76) Chrysene-d12	13.97	240	143024	20.00	ng		0.00
87) Perylene-d12	15.42	264	151687	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	499698	123.21	ng		0.02
7) Phenol-d6	6.47	99	616034	117.54	ng		0.01
23) Nitrobenzene-d5	7.39	82	445489	94.39	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	147237	145.54	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	736789	95.17	ng		0.00
79) Terphenyl-d14	12.91	244	735715	96.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	68986	40.651	ng	#	85
3) Pyridine	3.43	79	123409	26.568	ng		95
4) n-Nitrosodimethylamine	3.35	42	69261	43.450	ng		99
6) Aniline	6.49	93	93595	13.870	ng	#	85
8) 2-Chlorophenol	6.62	128	200111	45.738	ng		99
9) Benzaldehyde	6.37	77	90941	33.097	ng		98
10) Phenol	6.48	94	224257	38.812	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	193757	45.626	ng		97
12) 1,3-Dichlorobenzene	6.77	146	198265	40.384	ng		97
13) 1,4-Dichlorobenzene	6.84	146	208552	41.625	ng		98
14) 1,2-Dichlorobenzene	7.00	146	193630	41.510	ng		99
15) Benzyl Alcohol	6.97	79	183217	45.585	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	180439	43.007	ng		87
17) 2-Methylphenol	7.09	107	161041	43.919	ng		91
18) Hexachloroethane	7.33	117	78501	40.728	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	144301	45.214	ng		98
20) 3+4-Methylphenols	7.24	107	202442	44.324	ng	#	82
22) Acetophenone	7.23	105	301496	47.853	ng		97
24) Nitrobenzene	7.40	77	224845	48.242	ng		98
25) Isophorone	7.65	82	400935	47.979	ng		100
26) 2-Nitrophenol	7.72	139	105284	52.590	ng		97
27) 2,4-Dimethylphenol	7.76	122	172617	54.372	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	239051	46.431	ng		99
29) 2,4-Dichlorophenol	7.97	162	163196	49.059	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	162898	45.326	ng		98
31) Naphthalene	8.12	128	583389	48.916	ng		99
32) Benzoic acid	7.89	122	62883	29.222	ng		93
33) 4-Chloroaniline	8.18	127	51864	9.805	ng		98
34) Hexachlorobutadiene	8.24	225	89401	43.846	ng		97
35) Caprolactam	8.54	113	40949m	36.368	ng		
36) 4-Chloro-3-methylphenol	8.66	107	190478	49.107	ng		99
37) 2-Methylnaphthalene	8.82	142	388163	48.332	ng		97
38) 1-Methylnaphthalene	8.91	142	357685	47.553	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	153270	49.036	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	123936	88.752 ng	98
43) 2,4,6-Trichlorophenol	9.09	196	104733	49.375 ng	99
44) 2,4,5-Trichlorophenol	9.14	196	114213	50.397 ng	98
46) 1,1'-Biphenyl	9.27	154	461128	48.567 ng	99
47) 2-Chloronaphthalene	9.30	162	364783	48.681 ng	98
48) 2-Nitroaniline	9.40	65	116436	48.445 ng	97
49) Acenaphthylene	9.72	152	574734	51.200 ng	100
50) Dimethylphthalate	9.57	163	455703	53.171 ng	98
51) 2,6-Dinitrotoluene	9.64	165	90894	52.073 ng	98
52) Acenaphthene	9.89	154	323658	48.640 ng	99
53) 3-Nitroaniline	9.81	138	52685	23.923 ng	95
54) 2,4-Dinitrophenol	9.92	184	67379	88.320 ng	93
55) Dibenzofuran	10.06	168	494882	50.407 ng	98
56) 4-Nitrophenol	9.98	139	122631	85.915 ng	96
57) 2,4-Dinitrotoluene	10.05	165	126042	55.628 ng	95
58) Fluorene	10.40	166	401488	50.766 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	87007	50.170 ng	100
60) Diethylphthalate	10.27	149	405549	48.097 ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	168226	49.164 ng	96
62) 4-Nitroaniline	10.42	138	106449	46.478 ng	96
63) Azobenzene	10.55	77	426429	49.517 ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	47968	51.698 ng	97
66) n-Nitrosodiphenylamine	10.51	169	344280	49.542 ng	98
67) 4-Bromophenyl-phenylether	10.87	248	100206	48.764 ng	97
68) Hexachlorobenzene	10.95	284	104836	46.644 ng	96
69) Atrazine	11.03	200	95818	61.029 ng	99
70) Pentachlorophenol	11.14	266	107160	101.713 ng	98
71) Phenanthrene	11.36	178	571958	50.044 ng	99
72) Anthracene	11.41	178	598448	51.288 ng	99
73) Carbazole	11.56	167	562984	50.831 ng	99
74) Di-n-butylphthalate	11.89	149	635158	48.200 ng	100
75) Fluoranthene	12.54	202	591009	50.327 ng	97
77) Benzidine	12.66	184	94407	20.491 ng	98
78) Pyrene	12.77	202	592335	49.358 ng	99
80) Butylbenzylphthalate	13.38	149	275961	48.665 ng	98
81) Benzo(a)anthracene	13.96	228	475734	49.786 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	78057	25.349 ng	96
83) Chrysene	13.99	228	457624	49.102 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	363808	49.759 ng	99
85) Di-n-octyl phthalate	14.54	149	614580	53.406 ng	98
86) Indeno(1,2,3-cd)pyrene	16.86	276	475651	69.955 ng	99
88) Benzo(b)fluoranthene	15.00	252	414478	45.110 ng	98
89) Benzo(k)fluoranthene	15.03	252	403100	46.313 ng	98
90) Benzo(a)pyrene	15.36	252	408614	50.679 ng	99
91) Dibenzo(a,h)anthracene	16.87	278	395534	61.580 ng	99
92) Benzo(g,h,i)perylene	17.29	276	404638	63.219 ng	98

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

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