Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116668.D
Acq On : 30 Aug 2019 23:42
Operator : HP/JU
Sample : K4568-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMS

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:26 PM

Quant Time: Aug 31 04:21:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99821	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	411125	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	215776	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	371756	20.00	ng		0.00
76) Chrysene-d12	14.00	240	298307	20.00	ng		0.00
87) Perylene-d12	15.44	264	314864	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	497280	80.71	ng		0.00
7) Phenol-d6	6.47	99	688411	85.09	ng		0.00
23) Nitrobenzene-d5	7.40	82	412169	57.23	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	134235	93.06	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	727466	56.87	ng		0.00
79) Terphenyl-d14	12.94	244	809658	50.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	67454	23.715	ng		97
3) Pyridine	3.33	79	175262	21.281	ng		91
4) n-Nitrosodimethylamine	3.25	42	74171	26.228	ng	#	90
6) Aniline	6.50	93	210326	18.769	ng		96
8) 2-Chlorophenol	6.63	128	196536	29.219	ng		96
9) Benzaldehyde	6.39	77	141877	26.617	ng		100
10) Phenol	6.49	94	277368	30.959	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	189951	27.229	ng		97
12) 1,3-Dichlorobenzene	6.79	146	200695	26.400	ng		98
13) 1,4-Dichlorobenzene	6.86	146	206060	27.226	ng		99
14) 1,2-Dichlorobenzene	7.02	146	194222	27.691	ng		96
15) Benzyl Alcohol	6.98	79	193325	29.436	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	213965	26.142	ng		100
17) 2-Methylphenol	7.09	107	168175	28.562	ng		97
18) Hexachloroethane	7.36	117	75842	25.792	ng		91
19) n-Nitroso-di-n-propylamine	7.25	70	149252	28.017	ng		95
20) 3+4-Methylphenols	7.25	107	211703	30.923	ng		89
22) Acetophenone	7.25	105	284336	28.727	ng	#	90
24) Nitrobenzene	7.42	77	221207	30.201	ng		97
25) Isophorone	7.66	82	412156	28.243	ng		98
26) 2-Nitrophenol	7.74	139	90831	33.356	ng		93
27) 2,4-Dimethylphenol	7.77	122	182116	33.115	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	247292	27.730	ng		99
29) 2,4-Dichlorophenol	7.98	162	160833	30.431	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	156898	27.370	ng		96
31) Naphthalene	8.15	128	579024	29.618	ng		99
32) Benzoic acid	7.86	122	76243	24.553	ng		94
33) 4-Chloroaniline	8.19	127	88840	9.983	ng		95
34) Hexachlorobutadiene	8.27	225	83230	26.628	ng		98
35) Caprolactam	8.55	113	60685m	30.681	ng		
36) 4-Chloro-3-methylphenol	8.67	107	195866	32.244	ng		99
37) 2-Methylnaphthalene	8.84	142	390288	30.005	ng		99
38) 1-Methylnaphthalene	8.94	142	367677	29.944	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	143487	27.740	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	162253	54.320	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	103200	29.105	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	113664	30.877	ng	#	93
46) 1,1'-Biphenyl	9.30	154	470541	28.738	ng		97
47) 2-Chloronaphthalene	9.33	162	361012	27.838	ng		99
48) 2-Nitroaniline	9.42	65	115732	30.869	ng		96
49) Acenaphthylene	9.74	152	592822	30.241	ng		99
50) Dimethylphthalate	9.60	163	524771	35.226	ng		99
51) 2,6-Dinitrotoluene	9.66	165	92079	32.396	ng		99
52) Acenaphthene	9.92	154	366528	30.430	ng		99
53) 3-Nitroaniline	9.82	138	68175	19.140	ng		90
54) 2,4-Dinitrophenol	9.93	184	48595	51.780	ng		93
55) Dibenzofuran	10.09	168	523397	30.825	ng		99
56) 4-Nitrophenol	9.98	139	169457	69.383	ng		93
57) 2,4-Dinitrotoluene	10.06	165	121572	34.981	ng		89
58) Fluorene	10.43	166	398402	30.793	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	84962m	31.980	ng		
60) Diethylphthalate	10.30	149	446072	29.893	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	171205	30.219	ng		98
62) 4-Nitroaniline	10.43	138	110694	32.023	ng		97
63) Azobenzene	10.58	77	472668	30.377	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	41091	32.804	ng		96
66) n-Nitrosodiphenylamine	10.53	169	371992	28.926	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	103693	27.457	ng		96
68) Hexachlorobenzene	10.98	284	108741	27.521	ng		92
69) Atrazine	11.06	200	106231	29.494	ng		98
70) Pentachlorophenol	11.17	266	111737	58.458	ng		97
71) Phenanthrene	11.39	178	614966	29.717	ng		100
72) Anthracene	11.44	178	629565	30.221	ng		99
73) Carbazole	11.59	167	612853	30.884	ng		99
74) Di-n-butylphthalate	11.93	149	766639	30.137	ng		99
75) Fluoranthene	12.57	202	658117	32.360	ng		99
77) Benzidine	12.69	184	275723	23.565	ng		99
78) Pyrene	12.80	202	678708	25.595	ng		98
80) Butylbenzylphthalate	13.42	149	341753	26.502	ng		99
81) Benzo(a)anthracene	13.99	228	534533	28.312	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	132021	20.692	ng		98
83) Chrysene	14.02	228	553601	28.462	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	455244	28.599	ng		98
85) Di-n-octyl phthalate	14.59	149	838613	32.193	ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	543116	34.763	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	536058	28.160	ng		98
89) Benzo(k)fluoranthene	15.06	252	505854	29.145	ng		99
90) Benzo(a)pyrene	15.39	252	501881	30.304	ng		98
91) Dibenzo(a,h)anthracene	16.91	278	449933	31.037	ng	#	95
92) Benzo(g,h,i)perylene	17.33	276	455779	30.828	ng	#	92

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

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