Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118071.D
Acq On : 3 Dec 2019 19:24
Operator : JU
Sample : K6090-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-20-SMS

Manual Integrations APPROVED
mohammad
12/4/2019 5:01:41 PM

Quant Time: Dec 04 01:06:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	133717	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	528327	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	292244	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	571615	20.00	ng		0.00
76) Chrysene-d12	14.07	240	415706	20.00	ng		0.00
87) Perylene-d12	15.57	264	394060	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	784501	103.85	ng		0.01
7) Phenol-d6	6.51	99	1011756	111.04	ng		0.00
23) Nitrobenzene-d5	7.44	82	619241	69.68	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	376241	121.61	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1259952	77.35	ng		0.00
79) Terphenyl-d14	13.01	244	1641044	72.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	124192	35.171	ng		99
3) Pyridine	3.45	79	306238	33.062	ng		99
4) n-Nitrosodimethylamine	3.39	42	156630	38.738	ng		98
6) Aniline	6.54	93	244918	20.341	ng		97
8) 2-Chlorophenol	6.66	128	393626	48.021	ng		98
9) Benzaldehyde	6.42	77	138576	19.834	ng		96
10) Phenol	6.52	94	475115	50.180	ng		100
11) bis(2-Chloroethyl)ether	6.61	93	334347	43.974	ng		97
12) 1,3-Dichlorobenzene	6.82	146	421277	43.654	ng		98
13) 1,4-Dichlorobenzene	6.89	146	435564	44.653	ng		99
14) 1,2-Dichlorobenzene	7.05	146	405787	43.497	ng		98
15) Benzyl Alcohol	7.02	79	335042	47.628	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	404501	34.554	ng		99
17) 2-Methylphenol	7.13	107	315272	45.418	ng		98
18) Hexachloroethane	7.39	117	157502	43.954	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	250194	44.510	ng		99
20) 3+4-Methylphenols	7.28	107	398798	46.281	ng		95
22) Acetophenone	7.29	105	532223	44.838	ng	#	94
24) Nitrobenzene	7.46	77	394258	43.001	ng		94
25) Isophorone	7.70	82	698083	42.855	ng		100
26) 2-Nitrophenol	7.78	139	219662	49.222	ng		96
27) 2,4-Dimethylphenol	7.82	122	348745	50.292	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	438920	42.462	ng		99
29) 2,4-Dichlorophenol	8.02	162	338547	45.008	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	369945	42.401	ng		99
31) Naphthalene	8.19	128	1154858	46.888	ng		99
32) Benzoic acid	7.94	122	247357	42.602	ng		98
33) 4-Chloroaniline	8.23	127	92673	8.405	ng		95
34) Hexachlorobutadiene	8.30	225	215719	42.288	ng		98
35) Caprolactam	8.60	113	110275m	46.129	ng		
36) 4-Chloro-3-methylphenol	8.72	107	368286	48.245	ng		98
37) 2-Methylnaphthalene	8.88	142	797535	47.924	ng		99
38) 1-Methylnaphthalene	8.98	142	739947	47.031	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	352648	41.551	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	377788	79.431	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	257227	42.314	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	271536	43.022	ng	96
46) 1,1'-Biphenyl	9.35	154	969511	44.715	ng	99
47) 2-Chloronaphthalene	9.37	162	754472	42.299	ng	98
48) 2-Nitroaniline	9.47	65	215607	40.039	ng	99
49) Acenaphthylene	9.79	152	1203375	46.275	ng	99
50) Dimethylphthalate	9.65	163	1081659	52.781	ng	99
51) 2,6-Dinitrotoluene	9.71	165	204069	45.562	ng	97
52) Acenaphthene	9.96	154	705414	42.345	ng	99
53) 3-Nitroaniline	9.88	138	107209	20.004	ng	91
54) 2,4-Dinitrophenol	9.99	184	188606	81.778	ng	94
55) Dibenzofuran	10.14	168	1060967	45.993	ng	99
56) 4-Nitrophenol	10.05	139	348922	87.222	ng	97
57) 2,4-Dinitrotoluene	10.12	165	278434	48.870	ng	93
58) Fluorene	10.48	166	840422	47.014	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	226865	43.746	ng	100
60) Diethylphthalate	10.35	149	922032	46.148	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	416021	45.858	ng	99
62) 4-Nitroaniline	10.50	138	233730	43.557	ng	99
63) Azobenzene	10.63	77	799661	43.993	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	141477	53.017	ng	97
66) n-Nitrosodiphenylamine	10.59	169	759985	45.684	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	270102	43.793	ng	99
68) Hexachlorobenzene	11.03	284	310418	43.163	ng	98
69) Atrazine	11.12	200	239939	43.846	ng	98
70) Pentachlorophenol	11.23	266	345653	82.266	ng	99
71) Phenanthrene	11.45	178	1300222	45.243	ng	100
72) Anthracene	11.50	178	1356512	47.607	ng	99
73) Carbazole	11.65	167	1187212	47.680	ng	99
74) Di-n-butylphthalate	11.98	149	1495553	48.240	ng	99
75) Fluoranthene	12.64	202	1411624	55.734	ng	99
77) Benzidine	12.76	184	366384	26.907	ng	98
78) Pyrene	12.87	202	1410577	41.987	ng	99
80) Butylbenzylphthalate	13.49	149	673718	46.691	ng	98
81) Benzo(a)anthracene	14.06	228	1215073	44.232	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	235429	24.501	ng	98
83) Chrysene	14.10	228	1179910	44.326	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	948887	54.242	ng	99
85) Di-n-octyl phthalate	14.66	149	1528143	59.462	ng	99
86) Indeno(1,2,3-cd)pyrene	17.09	276	1114812	49.208	ng	100
88) Benzo(b)fluoranthene	15.13	252	1183409	46.223	ng	99
89) Benzo(k)fluoranthene	15.16	252	979369	40.599	ng	98
90) Benzo(a)pyrene	15.51	252	1009763	44.852	ng	98
91) Dibenzo(a,h)anthracene	17.10	278	923692	47.668	ng	99
92) Benzo(g,h,i)perylene	17.55	276	917438	47.535	ng	98

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

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