Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
Data File : BF117677.D
Acq On : 1 Nov 2019 13:30
Operator : JU
Sample : K5148-17MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-102919MS

Manual Integrations APPROVED
mohammad
11/4/2019 12:49:57 PM

Quant Time: Nov 01 16:17:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	33370	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	137571	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	68718	20.00	ng		-0.01
64) Phenanthrene-d10	11.25	188	109591	20.00	ng		0.00
76) Chrysene-d12	13.89	240	68308	20.00	ng		0.00
87) Perylene-d12	15.33	264	64490	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	284767	126.96	ng		0.02
7) Phenol-d6	6.39	99	383733	127.37	ng		0.00
23) Nitrobenzene-d5	7.29	82	245595	88.13	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	72765	122.38	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	420119	86.14	ng		-0.02
79) Terphenyl-d14	12.83	244	378574	90.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	39934	42.345	ng	#	85
3) Pyridine	3.31	79	83173	36.027	ng		96
4) n-Nitrosodimethylamine	3.18	42	42043	50.199	ng		99
6) Aniline	6.40	93	59989	16.961	ng	#	1
8) 2-Chlorophenol	6.52	128	111149	46.960	ng		99
9) Benzaldehyde	6.29	77	41963	25.981	ng		98
10) Phenol	6.40	94	140519	45.699	ng		83
11) bis(2-Chloroethyl)ether	6.46	93	102480	45.059	ng		95
12) 1,3-Dichlorobenzene	6.66	146	114539	43.365	ng		98
13) 1,4-Dichlorobenzene	6.74	146	116150	43.348	ng		98
14) 1,2-Dichlorobenzene	6.89	146	109609	43.397	ng		99
15) Benzyl Alcohol	6.89	79	102954	47.832	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	110050	44.855	ng		81
17) 2-Methylphenol	7.00	107	90533	46.497	ng	#	90
18) Hexachloroethane	7.23	117	43721	41.804	ng		99
19) n-Nitroso-di-n-propylamine	7.15	70	84505	45.929	ng		97
20) 3+4-Methylphenols	7.17	107	120341	47.140	ng	#	62
22) Acetophenone	7.14	105	163764	44.830	ng		95
24) Nitrobenzene	7.31	77	123660	46.331	ng		99
25) Isophorone	7.55	82	223693	46.403	ng		97
26) 2-Nitrophenol	7.63	139	57313	48.146	ng		98
27) 2,4-Dimethylphenol	7.67	122	96349	54.158	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	135560	45.572	ng		100
29) 2,4-Dichlorophenol	7.89	162	85699	45.927	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	87592	43.743	ng		98
31) Naphthalene	8.03	128	325959	47.802	ng		99
32) Benzoic acid	7.86	122	42385	34.784	ng		96
33) 4-Chloroaniline	8.11	127	36041	12.524	ng		96
34) Hexachlorobutadiene	8.14	225	49422	42.641	ng		98
35) Caprolactam	8.47	113	28110m	46.894	ng		
36) 4-Chloro-3-methylphenol	8.59	107	101628	47.755	ng		97
37) 2-Methylnaphthalene	8.72	142	217512	47.339	ng		99
38) 1-Methylnaphthalene	8.82	142	204428	47.348	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	82246	44.437	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	19784	49.627	ng		100
43) 2,4,6-Trichlorophenol	9.01	196	53075	45.792	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	55063	46.882	ng		94
46) 1,1'-Biphenyl	9.18	154	256651	45.114	ng		98
47) 2-Chloronaphthalene	9.21	162	195840	45.657	ng		97
48) 2-Nitroaniline	9.32	65	63547	45.129	ng		84
49) Acenaphthylene	9.62	152	307142	48.750	ng		100
50) Dimethylphthalate	9.49	163	291770	59.559	ng		98
51) 2,6-Dinitrotoluene	9.56	165	49080	48.011	ng	#	92
52) Acenaphthene	9.79	154	181314	46.907	ng		98
53) 3-Nitroaniline	9.74	138	24426	19.693	ng		93
54) 2,4-Dinitrophenol	9.87	184	38669	90.792	ng		98
55) Dibenzofuran	9.96	168	272802	48.712	ng		97
56) 4-Nitrophenol	9.94	139	12950m	25.641	ng		
57) 2,4-Dinitrotoluene	9.97	165	64802	47.679	ng	#	89
58) Fluorene	10.31	166	222928	48.136	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	41473	44.928	ng	#	99
60) Diethylphthalate	10.18	149	224964	45.401	ng		100
61) 4-Chlorophenyl-phenylether	10.29	204	95139	45.788	ng		98
62) 4-Nitroaniline	10.35	138	47554	40.676	ng		96
63) Azobenzene	10.46	77	242163	47.741	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	26091	46.826	ng		93
66) n-Nitrosodiphenylamine	10.42	169	185630	46.333	ng		98
67) 4-Bromophenyl-phenylether	10.78	248	51074	43.268	ng		99
68) Hexachlorobenzene	10.86	284	55159	43.633	ng		96
69) Atrazine	10.95	200	53392	52.379	ng		97
70) Pentachlorophenol	11.07	266	23510	62.036	ng		97
71) Phenanthrene	11.27	178	295409	46.422	ng		99
72) Anthracene	11.32	178	307041	47.025	ng		99
73) Carbazole	11.49	167	273410	45.820	ng		100
74) Di-n-butylphthalate	11.80	149	357218	44.804	ng		99
75) Fluoranthene	12.46	202	289251	45.405	ng		98
77) Benzidine	12.59	184	59625	27.696	ng		99
78) Pyrene	12.69	202	286295	48.795	ng		100
80) Butylbenzylphthalate	13.29	149	134690	46.132	ng		98
81) Benzo(a)anthracene	13.88	228	212562	46.132	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	34367	23.769	ng	#	98
83) Chrysene	13.92	228	214628	47.528	ng		98
84) Bis(2-ethylhexyl)phthalate	13.85	149	191926	46.926	ng	#	96
85) Di-n-octyl phthalate	14.46	149	300492	47.786	ng		100
86) Indeno(1,2,3-cd)pyrene	16.75	276	195371	57.947	ng		98
88) Benzo(b)fluoranthene	14.92	252	185981	48.837	ng		98
89) Benzo(k)fluoranthene	14.94	252	173120	44.354	ng		99
90) Benzo(a)pyrene	15.27	252	162537	46.943	ng		98
91) Dibenzo(a,h)anthracene	16.74	278	166262	55.533	ng		97
92) Benzo(g,h,i)perylene	17.17	276	167428	59.105	ng		98

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

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