Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118254.D
Acq On : 18 Dec 2019 12:36
Operator : JU
Sample : PB125538BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Manual Integrations APPROVED
mohammad
12/19/2019 11:16:40 AM

Quant Time: Dec 18 17:57:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120379	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	499485	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	270060	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	497990	20.00	ng		0.00
76) Chrysene-d12	14.06	240	340399	20.00	ng		0.00
87) Perylene-d12	15.56	264	239657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	798978	116.25	ng		0.01
7) Phenol-d6	6.50	99	969777	116.66	ng		0.00
23) Nitrobenzene-d5	7.43	82	652629	73.51	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	350555	106.85	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1348803	76.00	ng		-0.01
79) Terphenyl-d14	13.00	244	1577346	79.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	111070	38.326	ng		99
3) Pyridine	3.48	79	266580	35.654	ng		97
4) n-Nitrosodimethylamine	3.43	42	137978	42.897	ng		90
6) Aniline	6.53	93	349313	32.849	ng		98
8) 2-Chlorophenol	6.65	128	356210	45.963	ng		97
9) Benzaldehyde	6.41	77	214356	55.515	ng		95
10) Phenol	6.52	94	419835	44.284	ng		89
11) bis(2-Chloroethyl)ether	6.60	93	305593	44.568	ng		95
12) 1,3-Dichlorobenzene	6.80	146	382245	42.222	ng		98
13) 1,4-Dichlorobenzene	6.88	146	386578	42.405	ng		100
14) 1,2-Dichlorobenzene	7.03	146	370443	43.270	ng		97
15) Benzyl Alcohol	7.01	79	298243	45.959	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	345462	41.903	ng		88
17) 2-Methylphenol	7.12	107	281348	45.644	ng		99
18) Hexachloroethane	7.37	117	142081	42.297	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	226961	44.929	ng		95
20) 3+4-Methylphenols	7.27	107	354701	45.813	ng		95
22) Acetophenone	7.27	105	473524	39.460	ng	#	98
24) Nitrobenzene	7.45	77	350779	40.213	ng		96
25) Isophorone	7.69	82	626241	41.608	ng		97
26) 2-Nitrophenol	7.77	139	199446	42.778	ng		99
27) 2,4-Dimethylphenol	7.80	122	305577	49.136	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	393044	39.965	ng		98
29) 2,4-Dichlorophenol	8.01	162	301337	41.563	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	335273	39.570	ng		99
31) Naphthalene	8.17	128	1049055	41.820	ng		100
32) Benzoic acid	7.95	122	204830	36.478	ng		95
33) 4-Chloroaniline	8.22	127	230012	21.235	ng		96
34) Hexachlorobutadiene	8.29	225	194890	38.359	ng		99
35) Caprolactam	8.60	113	92033m	41.163	ng		
36) 4-Chloro-3-methylphenol	8.72	107	320045	41.948	ng		97
37) 2-Methylnaphthalene	8.87	142	716529	42.191	ng		99
38) 1-Methylnaphthalene	8.97	142	671795	42.129	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	314833	38.483	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	290538	79.262	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	217083	39.742	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	232295	41.047	ng		97
46) 1,1'-Biphenyl	9.33	154	853588	40.076	ng		98
47) 2-Chloronaphthalene	9.36	162	664554	38.787	ng		97
48) 2-Nitroaniline	9.46	65	181672	37.182	ng		98
49) Acenaphthylene	9.77	152	1046058	41.394	ng		100
50) Dimethylphthalate	9.63	163	782598	39.232	ng		98
51) 2,6-Dinitrotoluene	9.70	165	176149	40.610	ng		97
52) Acenaphthene	9.95	154	611359	39.636	ng		99
53) 3-Nitroaniline	9.87	138	114835	22.496	ng		97
54) 2,4-Dinitrophenol	9.99	184	163981	75.988	ng		97
55) Dibenzofuran	10.12	168	924786	40.918	ng		99
56) 4-Nitrophenol	10.05	139	265058	74.821	ng		98
57) 2,4-Dinitrotoluene	10.11	165	231803	40.039	ng		97
58) Fluorene	10.47	166	736308	40.995	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	189397	40.565	ng		99
60) Diethylphthalate	10.33	149	789428	40.167	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	367165	40.629	ng		98
62) 4-Nitroaniline	10.49	138	176272	33.110	ng		99
63) Azobenzene	10.62	77	686064	40.891	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	119879	43.590	ng		96
66) n-Nitrosodiphenylamine	10.57	169	647484	41.635	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	228659	40.224	ng	#	89
68) Hexachlorobenzene	11.02	284	264195	39.485	ng		92
69) Atrazine	11.11	200	219075	59.617	ng		98
70) Pentachlorophenol	11.22	266	254688	80.941	ng		99
71) Phenanthrene	11.43	178	1070063	40.422	ng		100
72) Anthracene	11.49	178	1111618	42.093	ng		99
73) Carbazole	11.65	167	948548	40.033	ng		99
74) Di-n-butylphthalate	11.96	149	1255360	42.334	ng		99
75) Fluoranthene	12.63	202	1094356	40.433	ng		97
77) Benzidine	12.75	184	349512	39.003	ng		98
78) Pyrene	12.86	202	1112080	41.457	ng		98
80) Butylbenzylphthalate	13.47	149	503773	41.468	ng		97
81) Benzo(a)anthracene	14.06	228	926572	39.366	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	256471	33.178	ng		99
83) Chrysene	14.09	228	869098	38.655	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	700171	43.708	ng	#	97
85) Di-n-octyl phthalate	14.64	149	1063844	43.840	ng		100
86) Indeno(1,2,3-cd)pyrene	17.08	276	660381	34.908	ng		99
88) Benzo(b)fluoranthene	15.12	252	740579	46.724	ng		97
89) Benzo(k)fluoranthene	15.15	252	703122	46.177	ng		98
90) Benzo(a)pyrene	15.49	252	618836	44.207	ng		99
91) Dibenzo(a,h)anthracene	17.09	278	569929	47.467	ng		99
92) Benzo(g,h,i)perylene	17.53	276	553510	47.974	ng		97

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

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