Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118576.D
Acq On : 17 Jan 2020 23:42
Operator : JU
Sample : PB126175BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Manual Integrations APPROVED
mohammad
1/21/2020 7:58:42 AM

Quant Time: Jan 18 01:49:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	367589	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1334179	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	739877	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1344131	20.00	ng		0.00
76) Chrysene-d12	14.05	240	1130944	20.00	ng		0.00
87) Perylene-d12	15.52	264	1184516	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1003017	50.42	ng		0.00
7) Phenol-d6	6.50	99	821177	31.50	ng		-0.01
23) Nitrobenzene-d5	7.45	82	2283926	105.73	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	492059	60.16	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	4164387	101.61	ng		0.00
79) Terphenyl-d14	13.00	244	4975648	86.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	174585	18.264	ng		99
3) Pyridine	3.46	79	333042	12.615	ng		99
4) n-Nitrosodimethylamine	3.37	42	228388	18.861	ng	#	99
6) Aniline	6.55	93	969430	28.413	ng		99
8) 2-Chlorophenol	6.67	128	987463	43.643	ng		95
9) Benzaldehyde	6.43	77	768240	57.571	ng		99
10) Phenol	6.52	94	413032	14.442	ng		100
11) bis(2-Chloroethyl)ether	6.62	93	1069973	46.710	ng		95
12) 1,3-Dichlorobenzene	6.83	146	1133847	42.141	ng		98
13) 1,4-Dichlorobenzene	6.90	146	1159245	42.887	ng		97
14) 1,2-Dichlorobenzene	7.06	146	1101435	43.552	ng		98
15) Benzyl Alcohol	7.02	79	650890	30.425	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1433886	42.671	ng		99
17) 2-Methylphenol	7.13	107	680265	35.421	ng		99
18) Hexachloroethane	7.41	117	402520	40.864	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	863533	46.195	ng		98
20) 3+4-Methylphenols	7.29	107	757652	32.990	ng	#	89
22) Acetophenone	7.29	105	1540859	47.592	ng	#	98
24) Nitrobenzene	7.47	77	1200274	52.248	ng		100
25) Isophorone	7.71	82	2194895	46.816	ng		100
26) 2-Nitrophenol	7.78	139	330449	35.184	ng		98
27) 2,4-Dimethylphenol	7.82	122	915292	49.088	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	1350665	44.838	ng		99
29) 2,4-Dichlorophenol	8.02	162	920799	44.865	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	1034535	43.253	ng		99
31) Naphthalene	8.19	128	2991189	47.540	ng		99
32) Benzoic acid	7.95	122	2357m	8.008	ng		
33) 4-Chloroaniline	8.23	127	1117233	38.216	ng		99
34) Hexachlorobutadiene	8.32	225	599904	40.211	ng		99
35) Caprolactam	8.58	113	33570	5.258	ng	#	86
36) 4-Chloro-3-methylphenol	8.70	107	885547	43.525	ng		100
37) 2-Methylnaphthalene	8.89	142	2152599	48.291	ng		99
38) 1-Methylnaphthalene	8.99	142	2048243	48.570	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1086099	45.512	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1241449	99.566	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	543211	35.726	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	642892	41.821	ng		99
46) 1,1'-Biphenyl	9.35	154	2582142	48.842	ng		98
47) 2-Chloronaphthalene	9.37	162	2077099	46.614	ng		98
48) 2-Nitroaniline	9.46	65	613710	52.954	ng		95
49) Acenaphthylene	9.79	152	3165098	50.307	ng		99
50) Dimethylphthalate	9.65	163	2391829	47.083	ng		98
51) 2,6-Dinitrotoluene	9.70	165	548690	56.609	ng		96
52) Acenaphthene	9.96	154	1914690	46.455	ng		98
53) 3-Nitroaniline	9.87	138	514524	46.860	ng	#	98
54) 2,4-Dinitrophenol	9.97	184	604	10.716	ng	#	1
55) Dibenzofuran	10.13	168	2885135	49.465	ng		97
56) 4-Nitrophenol	10.01	139	74441	9.178	ng		98
57) 2,4-Dinitrotoluene	10.10	165	666658	51.744	ng		95
58) Fluorene	10.47	166	2246330	49.734	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	273784	20.818	ng		97
60) Diethylphthalate	10.35	149	2358235	47.551	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	1202336	48.659	ng		98
62) 4-Nitroaniline	10.48	138	524132	48.062	ng		97
63) Azobenzene	10.63	77	2360623	48.838	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	1866	9.997	ng	#	48
66) n-Nitrosodiphenylamine	10.58	169	2090147	48.395	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	813824	45.231	ng		94
68) Hexachlorobenzene	11.03	284	899500	45.113	ng		95
69) Atrazine	11.11	200	766750	61.520	ng		98
70) Pentachlorophenol	11.21	266	151857	15.497	ng		98
71) Phenanthrene	11.44	178	3308535	48.970	ng		99
72) Anthracene	11.49	178	3463093	51.375	ng		98
73) Carbazole	11.64	167	3064798	50.413	ng		100
74) Di-n-butylphthalate	11.97	149	3457798	45.769	ng		100
75) Fluoranthene	12.62	202	3596001	49.493	ng		99
77) Benzidine	12.74	184	2930729	106.658	ng		98
78) Pyrene	12.85	202	3642265	43.150	ng		99
80) Butylbenzylphthalate	13.47	149	1459071	40.325	ng		95
81) Benzo(a)anthracene	14.04	228	3384765	47.415	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	1392017	55.580	ng		99
83) Chrysene	14.08	228	3224028	46.953	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	2042700	45.484	ng		98
85) Di-n-octyl phthalate	14.64	149	3282080	47.723	ng		99
86) Indeno(1,2,3-cd)pyrene	17.01	276	4008852	59.329	ng		99
88) Benzo(b)fluoranthene	15.09	252	3344129	43.347	ng		99
89) Benzo(k)fluoranthene	15.12	252	3356033	48.133	ng		98
90) Benzo(a)pyrene	15.46	252	3057134	45.541	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	3330697	53.123	ng		99
92) Benzo(g,h,i)perylene	17.46	276	3316380	54.760	ng		98

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

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