Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118642.D
Acq On : 21 Jan 2020 19:42
Operator : CG/JU
Sample : PB126243BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126243BS

Manual Integrations APPROVED
mohammad
1/22/2020 1:36:21 PM

Quant Time: Jan 22 04:41:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	378998	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1387122	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	766753	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1397243	20.00	ng		0.00
76) Chrysene-d12	14.04	240	930874	20.00	ng		0.00
87) Perylene-d12	15.51	264	888845	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2483007	121.68	ng		0.01
7) Phenol-d6	6.51	99	3214523	121.20	ng		0.00
23) Nitrobenzene-d5	7.44	82	1863443	75.14	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	1115681	125.80	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	3561561	76.35	ng		0.00
79) Terphenyl-d14	12.99	244	3939917	92.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	503367	50.928	ng		98
3) Pyridine	3.49	79	1034148	37.122	ng		99
4) n-Nitrosodimethylamine	3.43	42	475729	39.833	ng		87
6) Aniline	6.54	93	1231766	35.269	ng		98
8) 2-Chlorophenol	6.67	128	1037820	45.310	ng		98
9) Benzaldehyde	6.43	77	569168	35.286	ng		94
10) Phenol	6.52	94	1289600	42.665	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	978496	43.633	ng		97
12) 1,3-Dichlorobenzene	6.82	146	1154696	43.071	ng		99
13) 1,4-Dichlorobenzene	6.90	146	1165362	43.304	ng		99
14) 1,2-Dichlorobenzene	7.05	146	1102807	43.592	ng		99
15) Benzyl Alcohol	7.02	79	929085	44.172	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1282357	41.053	ng		99
17) 2-Methylphenol	7.13	107	861936	45.177	ng		99
18) Hexachloroethane	7.40	117	415562	42.585	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	752349	42.010	ng		98
20) 3+4-Methylphenols	7.28	107	1048687	45.020	ng		94
22) Acetophenone	7.29	105	1362717	41.471	ng	#	95
24) Nitrobenzene	7.46	77	1088416	42.863	ng		99
25) Isophorone	7.70	82	1994094	44.085	ng		99
26) 2-Nitrophenol	7.77	139	532793	49.203	ng		99
27) 2,4-Dimethylphenol	7.81	122	929354	49.701	ng		97
28) bis(2-Chloroethoxy)methane	7.91	93	1230084	42.205	ng		99
29) 2,4-Dichlorophenol	8.02	162	932205	45.098	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	1016044	42.393	ng		99
31) Naphthalene	8.19	128	2911160	46.459	ng		99
32) Benzoic acid	7.92	122	486034	34.634	ng		97
33) 4-Chloroaniline	8.23	127	625737	21.605	ng		97
34) Hexachlorobutadiene	8.31	225	609368	41.750	ng		98
35) Caprolactam	8.59	113	277435m	41.013	ng		
36) 4-Chloro-3-methylphenol	8.71	107	892959	43.746	ng		97
37) 2-Methylnaphthalene	8.87	142	2033708	45.981	ng		99
38) 1-Methylnaphthalene	8.97	142	1936816	46.092	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1028469	42.869	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	1182084	97.658	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	705280	44.301	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	733950	45.141	ng		97
46) 1,1'-Biphenyl	9.34	154	2418752	45.771	ng		99
47) 2-Chloronaphthalene	9.36	162	1959805	44.000	ng		98
48) 2-Nitroaniline	9.46	65	547809	40.010	ng		90
49) Acenaphthylene	9.78	152	2959481	47.230	ng		98
50) Dimethylphthalate	9.64	163	2180549	43.650	ng		100
51) 2,6-Dinitrotoluene	9.70	165	499075	44.615	ng		86
52) Acenaphthene	9.96	154	1955605	46.674	ng		99
53) 3-Nitroaniline	9.86	138	326663	25.574	ng		96
54) 2,4-Dinitrophenol	9.97	184	366685	82.108	ng	#	41
55) Dibenzofuran	10.13	168	2694854	46.411	ng		97
56) 4-Nitrophenol	10.03	139	847570	87.898	ng		90
57) 2,4-Dinitrotoluene	10.10	165	649916	46.087	ng		95
58) Fluorene	10.47	166	2066725	45.339	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	638505	44.648	ng		97
60) Diethylphthalate	10.34	149	2112850	43.622	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	1098798	44.321	ng		98
62) 4-Nitroaniline	10.48	138	495549	37.822	ng		95
63) Azobenzene	10.62	77	2080094	44.345	ng		92
65) 4,6-Dinitro-2-methylphenol	10.51	198	289498	47.119	ng		93
66) n-Nitrosodiphenylamine	10.57	169	1903894	45.183	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	753179	43.631	ng		98
68) Hexachlorobenzene	11.02	284	828159	42.315	ng		93
69) Atrazine	11.10	200	684187	46.846	ng		99
70) Pentachlorophenol	11.21	266	882619	81.114	ng		97
71) Phenanthrene	11.43	178	2992521	44.394	ng		97
72) Anthracene	11.48	178	3091534	46.349	ng		98
73) Carbazole	11.63	167	2683674	43.865	ng		98
74) Di-n-butylphthalate	11.96	149	3125829	45.986	ng		100
75) Fluoranthene	12.62	202	3111915	43.770	ng		99
77) Benzidine	12.73	184	1733128	69.681	ng		98
78) Pyrene	12.84	202	3136765	49.634	ng		98
80) Butylbenzylphthalate	13.46	149	1297410	50.162	ng		97
81) Benzo(a)anthracene	14.03	228	2482747	44.337	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	537171	26.921	ng		98
83) Chrysene	14.07	228	2389925	44.532	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	1685677	53.345	ng		99
85) Di-n-octyl phthalate	14.63	149	2483984	53.107	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	2795914	59.957	ng		99
88) Benzo(b)fluoranthene	15.08	252	2143986	38.374	ng		99
89) Benzo(k)fluoranthene	15.11	252	2182279	42.160	ng		99
90) Benzo(a)pyrene	15.45	252	1992882	41.350	ng		98
91) Dibenzo(a,h)anthracene	17.01	278	2307471	54.126	ng		99
92) Benzo(g,h,i)perylene	17.44	276	2404166	58.081	ng		98

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

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