Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122554.D
Acq On : 4 Dec 2020 19:43
Operator : JU/CG
Sample : L4939-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-12320MS

Manual Integrations APPROVED
mohammad
12/7/2020 1:59:21 PM

Quant Time: Dec 04 23:30:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	169985	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	613614	20.00	ng		0.00
39) Acenaphthene-d10	9.892	164	317767	20.00	ng		0.00
64) Phenanthrene-d10	11.374	188	530568	20.00	ng		0.00
76) Chrysene-d12	14.021	240	432160	20.00	ng		0.00
86) Perylene-d12	15.492	264	473483	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1027123	92.78	ng		0.00
7) Phenol-d6	6.486	99	1291102	89.15	ng		0.00
23) Nitrobenzene-d5	7.416	82	803256	80.14	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	343528	100.73	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1375143	67.62	ng		0.00
79) Terphenyl-d14	12.963	244	1229957	60.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	177051	34.87	ng		89
3) Pyridine	3.393	79	484029	34.67	ng		89
4) n-Nitrosodimethylamine	3.340	42	211876	32.19	ng		89
6) Aniline	6.510	93	176390	9.28	ng		99
8) 2-Chlorophenol	6.634	128	478177	41.65	ng		92
9) Benzaldehyde	6.398	77	256124	31.12	ng		94
10) Phenol	6.498	94	619161	43.41	ng		80
11) bis(2-Chloroethyl)ether	6.586	93	446761	39.41	ng		92
12) 1,3-Dichlorobenzene	6.792	146	524179	40.22	ng		96
13) 1,4-Dichlorobenzene	6.869	146	520408	39.75	ng		97
14) 1,2-Dichlorobenzene	7.022	146	499418	40.87	ng		99
15) Benzyl Alcohol	6.992	79	389565	37.83	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	572293	34.64	ng		87
17) 2-Methylphenol	7.110	107	388292	40.52	ng		99
18) Hexachloroethane	7.363	117	198852	43.61	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	330363	38.17	ng		94
20) 3+4-Methylphenols	7.257	107	463917	39.34	ng		91
22) Acetophenone	7.257	105	659620	41.27	ng		92
24) Nitrobenzene	7.433	77	478479	41.72	ng		96
25) Isophorone	7.675	82	865804	38.75	ng	#	95
26) 2-Nitrophenol	7.751	139	239468	48.09	ng		95
27) 2,4-Dimethylphenol	7.792	122	399176	37.87	ng		100
28) bis(2-Chloroethoxy)met...	7.886	93	528797	38.69	ng		97
29) 2,4-Dichlorophenol	7.998	162	390699	41.87	ng		94
30) 1,2,4-Trichlorobenzene	8.081	180	422888	41.06	ng		97
31) Naphthalene	8.157	128	1346076	41.26	ng		98
32) Benzoic acid	7.881	122	58690m	16.35	ng		
33) 4-Chloroaniline	8.204	127	112214	7.90	ng		98
34) Hexachlorobutadiene	8.275	225	251591	42.50	ng		98
35) Caprolactam	8.563	113	154434m	52.21	ng		
36) 4-Chloro-3-methylphenol	8.692	107	392171	40.29	ng		97
37) 2-Methylnaphthalene	8.851	142	891525	41.37	ng		99
38) 1-Methylnaphthalene	8.951	142	799152	39.61	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	395449	40.39	ng		99
41) Hexachlorocyclopentadiene	9.004	237	129137	22.56	ng		98
43) 2,4,6-Trichlorophenol	9.127	196	256764	40.38	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	263422	39.51	ng	#	92
46) 1,1'-Biphenyl	9.316	154	986376	39.00	ng		99
47) 2-Chloronaphthalene	9.339	162	773415	38.53	ng		99
48) 2-Nitroaniline	9.433	65	232902	39.92	ng		92
49) Acenaphthylene	9.757	152	1208651	39.17	ng		99
50) Dimethylphthalate	9.616	163	961761	42.58	ng		100
51) 2,6-Dinitrotoluene	9.675	165	199758	40.40	ng		91
52) Acenaphthene	9.927	154	734895	38.48	ng		99
53) 3-Nitroaniline	9.839	138	108740	21.14	ng		94
54) 2,4-Dinitrophenol	9.951	184	40486	33.71	ng		94
55) Dibenzofuran	10.098	168	1098241	39.25	ng		100
56) 4-Nitrophenol	10.010	139	301017	62.38	ng		94
57) 2,4-Dinitrotoluene	10.080	165	262539	42.09	ng	#	81
58) Fluorene	10.439	166	845016	39.44	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	218691	39.45	ng	#	99
60) Diethylphthalate	10.310	149	887467	40.05	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	400758	39.62	ng		95
62) 4-Nitroaniline	10.457	138	177304	32.81	ng		97
63) Azobenzene	10.592	77	819206	35.24	ng		94
65) 4,6-Dinitro-2-methylph...	10.486	198	48562	28.12	ng		89
66) n-Nitrosodiphenylamine	10.551	169	735915	40.71	ng		95
67) 4-Bromophenyl-phenylether	10.921	248	269633	43.25	ng		99
68) Hexachlorobenzene	10.992	284	276832	41.10	ng		94
69) Atrazine	11.074	200	212548	47.21	ng		99
70) Pentachlorophenol	11.186	266	277967	71.62	ng		99
71) Phenanthrene	11.404	178	1391567	46.23	ng		99
72) Anthracene	11.457	178	1299003	41.87	ng		99
73) Carbazole	11.610	167	1071627	37.97	ng		99
74) Di-n-butylphthalate	11.939	149	1295340	43.05	ng		99
75) Fluoranthene	12.592	202	1487023	47.32	ng		98
77) Benzidine	12.710	184	469871	39.20	ng		99
78) Pyrene	12.821	202	1451160	47.80	ng		100
80) Butylbenzylphthalate	13.439	149	515960	42.76	ng		90
81) Benzo(a)anthracene	14.010	228	1269479	47.23	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	152575	15.23	ng		98
83) Chrysene	14.045	228	1228676	45.39	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	693683	47.39	ng		99
85) Di-n-octyl phthalate	14.609	149	1210380	48.79	ng		97
87) Indeno(1,2,3-cd)pyrene	16.962	276	1183152	41.64	ng		98
88) Benzo(b)fluoranthene	15.062	252	1337529	43.62	ng		100
89) Benzo(k)fluoranthene	15.092	252	1222837	40.90	ng		99
90) Benzo(a)pyrene	15.433	252	1188256	44.45	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	947398	39.81	ng		99
92) Benzo(g,h,i)perylene	17.409	276	944439	40.81	ng		98

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

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