Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
Data File : BF122537.D
Acq On : 3 Dec 2020 14:54
Operator : JU/CG
Sample : L4911-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPAMSD

Manual Integrations APPROVED
mohammad
12/7/2020 8:52:53 AM

Quant Time: Dec 03 15:44:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	193350	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	756048	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	415258	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	786624	20.00	ng	0.00
76) Chrysene-d12	14.033	240	592130	20.00	ng	0.00
86) Perylene-d12	15.498	264	546484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	983139	78.08	ng	0.00
7) Phenol-d6	6.492	99	1246942	75.70	ng	0.00
23) Nitrobenzene-d5	7.422	82	792882	64.20	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	423193	94.95	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1415519	53.26	ng	0.00
79) Terphenyl-d14	12.968	244	1479315	52.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	220734	38.22	ng	87
3) Pyridine	3.416	79	628596	39.58	ng	87
4) n-Nitrosodimethylamine	3.369	42	279614	37.35	ng	90
6) Aniline	6.516	93	632710	29.27	ng	99
8) 2-Chlorophenol	6.645	128	644965	49.39	ng	87
9) Benzaldehyde	6.404	77	359621	41.87	ng	95
10) Phenol	6.504	94	823727	50.78	ng	83
11) bis(2-Chloroethyl)ether	6.592	93	603909	46.84	ng	93
12) 1,3-Dichlorobenzene	6.798	146	677786	45.72	ng	96
13) 1,4-Dichlorobenzene	6.875	146	688988	46.26	ng	98
14) 1,2-Dichlorobenzene	7.028	146	662796	47.69	ng	99
15) Benzyl Alcohol	6.998	79	520241	44.42	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	784333	41.74	ng	92
17) 2-Methylphenol	7.116	107	526323	48.29	ng	99
18) Hexachloroethane	7.369	117	248314	47.88	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	419142	42.58	ng	92
20) 3+4-Methylphenols	7.269	107	605951	45.18	ng	99
22) Acetophenone	7.269	105	797522	40.50	ng	93
24) Nitrobenzene	7.439	77	665400	47.09	ng	96
25) Isophorone	7.681	82	1179938	42.86	ng	96
26) 2-Nitrophenol	7.757	139	341111	54.53	ng	97
27) 2,4-Dimethylphenol	7.798	122	561813	43.26	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	744121	44.19	ng	99
29) 2,4-Dichlorophenol	8.004	162	549317	47.78	ng	95
30) 1,2,4-Trichlorobenzene	8.086	180	575536	45.35	ng	97
31) Naphthalene	8.163	128	1772838	44.11	ng	99
32) Benzoic acid	7.916	122	190555	30.07	ng	97
33) 4-Chloroaniline	8.210	127	287013	16.40	ng	96
34) Hexachlorobutadiene	8.281	225	341619	46.84	ng	98
35) Caprolactam	8.592	113	181089m	49.69	ng	
36) 4-Chloro-3-methylphenol	8.704	107	589682	49.17	ng	94
37) 2-Methylnaphthalene	8.857	142	1204223	45.35	ng	98
38) 1-Methylnaphthalene	8.957	142	1129609	45.44	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	572968	44.78	ng	99
41) Hexachlorocyclopentadiene	9.010	237	586879	78.44	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	400395	48.18	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	440667	50.58	ng		96
46) 1,1'-Biphenyl	9.322	154	1441719	43.62	ng		98
47) 2-Chloronaphthalene	9.345	162	1157659	44.13	ng		99
48) 2-Nitroaniline	9.439	65	358785	46.13	ng		93
49) Acenaphthylene	9.763	152	1807325	44.82	ng		98
50) Dimethylphthalate	9.627	163	1480805	50.17	ng		100
51) 2,6-Dinitrotoluene	9.686	165	321554	48.88	ng	#	82
52) Acenaphthene	9.933	154	1209905m	48.48	ng		
53) 3-Nitroaniline	9.851	138	194064	27.57	ng		95
54) 2,4-Dinitrophenol	9.963	184	247924	85.80	ng		96
55) Dibenzofuran	10.110	168	1644164	44.96	ng		98
56) 4-Nitrophenol	10.027	139	536211	83.07	ng		96
57) 2,4-Dinitrotoluene	10.092	165	436623	52.28	ng	#	84
58) Fluorene	10.451	166	1255514	44.84	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	381085	52.60	ng		96
60) Diethylphthalate	10.322	149	1349257	46.60	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	613917	46.45	ng		96
62) 4-Nitroaniline	10.475	138	342787	46.91	ng		98
63) Azobenzene	10.598	77	1287779	42.39	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	200041	55.33	ng		97
66) n-Nitrosodiphenylamine	10.563	169	1174575	43.83	ng		96
67) 4-Bromophenyl-phenylether	10.927	248	434317	46.99	ng		96
68) Hexachlorobenzene	10.998	284	476639	47.73	ng		98
69) Atrazine	11.086	200	348033	52.14	ng		99
70) Pentachlorophenol	11.198	266	518090	90.04	ng		99
71) Phenanthrene	11.416	178	1977065	44.30	ng		99
72) Anthracene	11.463	178	2021692	43.95	ng		99
73) Carbazole	11.621	167	1818041	43.45	ng		99
74) Di-n-butylphthalate	11.945	149	2039761	45.72	ng		99
75) Fluoranthene	12.604	202	2192716	47.06	ng		97
77) Benzidine	12.721	184	760121	46.28	ng		99
78) Pyrene	12.833	202	2218586	53.33	ng		99
80) Butylbenzylphthalate	13.445	149	871769	51.97	ng		98
81) Benzo(a)anthracene	14.021	228	1803049	48.96	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	417230	30.40	ng		99
83) Chrysene	14.057	228	1763181	47.54	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	1210741	60.36	ng	#	97
85) Di-n-octyl phthalate	14.621	149	1909060	56.16	ng		95
87) Indeno(1,2,3-cd)pyrene	16.974	276	1736855	52.97	ng		99
88) Benzo(b)fluoranthene	15.074	252	1738274	49.11	ng		100
89) Benzo(k)fluoranthene	15.104	252	1616200	46.83	ng		99
90) Benzo(a)pyrene	15.439	252	1464940	47.48	ng		98
91) Dibenzo(a,h)anthracene	16.998	278	1396260	50.84	ng		98
92) Benzo(g,h,i)perylene	17.427	276	1470114	55.04	ng		97

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

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