Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122856.D
Acq On : 24 Dec 2020 14:56
Operator : JU/CG
Sample : L5200-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BIN-4-122320MS

Quant Time: Dec 24 17:09:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	133071	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	479643	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	281766	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	501479	20.00	ng		0.00
76) Chrysene-d12	13.986	240	323750	20.00	ng		0.00
86) Perylene-d12	15.445	264	337624	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	700176	83.30	ng		0.00
7) Phenol-d6	6.457	99	840543	75.40	ng		0.00
23) Nitrobenzene-d5	7.387	82	544279	56.85	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	287427	77.93	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1048010	50.31	ng		0.00
79) Terphenyl-d14	12.927	244	1046892	56.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	136017	34.43	ng		100
3) Pyridine	3.340	79	369426	35.38	ng		98
4) n-Nitrosodimethylamine	3.293	42	154914	36.99	ng		98
6) Aniline	6.481	93	341596	26.03	ng	#	82
8) 2-Chlorophenol	6.604	128	406255	43.85	ng		99
9) Benzaldehyde	6.369	77	101927	15.11	ng		97
10) Phenol	6.475	94	561418	48.60	ng		100
11) bis(2-Chloroethyl)ether	6.557	93	372581	42.22	ng		98
12) 1,3-Dichlorobenzene	6.763	146	425902	38.85	ng		99
13) 1,4-Dichlorobenzene	6.840	146	441009	39.90	ng		100
14) 1,2-Dichlorobenzene	6.992	146	419900	39.35	ng		98
15) Benzyl Alcohol	6.969	79	335181	43.67	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	464761	36.93	ng		95
17) 2-Methylphenol	7.081	107	320773	43.56	ng		98
18) Hexachloroethane	7.334	117	156080	39.62	ng		96
19) n-Nitroso-di-n-propyla...	7.239	70	259722	40.67	ng		99
20) 3+4-Methylphenols	7.234	107	384154	41.29	ng		93
22) Acetophenone	7.234	105	503963	42.26	ng		97
24) Nitrobenzene	7.404	77	407595	42.80	ng		99
25) Isophorone	7.645	82	730451	44.30	ng		99
26) 2-Nitrophenol	7.722	139	220628	47.50	ng		95
27) 2,4-Dimethylphenol	7.763	122	349249	51.30	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	472681	41.86	ng		99
29) 2,4-Dichlorophenol	7.969	162	350974	44.15	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	368083	40.86	ng		100
31) Naphthalene	8.128	128	1050383	39.69	ng		99
32) Benzoic acid	7.910	122	253822	46.79	ng		93
33) 4-Chloroaniline	8.175	127	137388	12.42	ng		97
34) Hexachlorobutadiene	8.245	225	207121	37.36	ng		99
35) Caprolactam	8.557	113	107885m	45.05	ng		
36) 4-Chloro-3-methylphenol	8.669	107	358610	45.79	ng		98
37) 2-Methylnaphthalene	8.822	142	774857	44.26	ng		99
38) 1-Methylnaphthalene	8.916	142	715312	43.19	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	369254	39.56	ng		100
41) Hexachlorocyclopentadiene	8.975	237	210267	50.96	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	250722	38.90	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	272548	40.91	ng		99
46) 1,1'-Biphenyl	9.281	154	930861	39.81	ng		99
47) 2-Chloronaphthalene	9.310	162	745847	38.50	ng		98
48) 2-Nitroaniline	9.404	65	214997	38.06	ng		93
49) Acenaphthylene	9.722	152	1144992	40.01	ng		100
50) Dimethylphthalate	9.586	163	951794	42.30	ng		99
51) 2,6-Dinitrotoluene	9.651	165	205959	43.34	ng		99
52) Acenaphthene	9.898	154	674604	36.44	ng		98
53) 3-Nitroaniline	9.816	138	120369	21.92	ng		92
54) 2,4-Dinitrophenol	9.933	184	165617	71.27	ng	#	92
55) Dibenzofuran	10.069	168	1035410	39.76	ng		99
56) 4-Nitrophenol	9.992	139	283947	72.51	ng		91
57) 2,4-Dinitrotoluene	10.057	165	264851	41.84	ng		99
58) Fluorene	10.410	166	800540	38.65	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	223072	38.11	ng		99
60) Diethylphthalate	10.286	149	889457	40.64	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	391902	38.42	ng		99
62) 4-Nitroaniline	10.433	138	190880	34.24	ng		99
63) Azobenzene	10.563	77	804866	40.01	ng		96
65) 4,6-Dinitro-2-methylph...	10.469	198	125357	40.99	ng		93
66) n-Nitrosodiphenylamine	10.522	169	739117	41.71	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	261906	38.54	ng		93
68) Hexachlorobenzene	10.963	284	283916	37.79	ng		96
69) Atrazine	11.051	200	217496	37.80	ng		100
70) Pentachlorophenol	11.157	266	298495	75.00	ng		100
71) Phenanthrene	11.374	178	1174925	39.42	ng		99
72) Anthracene	11.427	178	1177310	39.84	ng		99
73) Carbazole	11.580	167	1036187	38.66	ng		99
74) Di-n-butylphthalate	11.910	149	1378288	40.93	ng		99
75) Fluoranthene	12.563	202	1133952	36.28	ng		98
77) Benzidine	12.680	184	464660	66.35	ng		100
78) Pyrene	12.792	202	1115988	44.58	ng		99
80) Butylbenzylphthalate	13.404	149	483066	42.84	ng		97
81) Benzo(a)anthracene	13.980	228	892914	41.27	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	281586	36.34	ng		98
83) Chrysene	14.015	228	882436	40.98	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	719603	46.61	ng		99
85) Di-n-octyl phthalate	14.574	149	1087532	42.46	ng		98
87) Indeno(1,2,3-cd)pyrene	16.909	276	1070989	48.33	ng		99
88) Benzo(b)fluoranthene	15.027	252	932655	39.37	ng		99
89) Benzo(k)fluoranthene	15.057	252	887330	40.97	ng		99
90) Benzo(a)pyrene	15.392	252	847429	40.89	ng		100
91) Dibenzo(a,h)anthracene	16.921	278	883446	48.71	ng		99
92) Benzo(g,h,i)perylene	17.351	276	949966	54.11	ng		99

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

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