Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
Data File : BF122662.D
Acq On : 11 Dec 2020 14:35
Operator : JU/CG
Sample : L5033-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-48MS

Quant Time: Dec 11 15:33:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	167851	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	644711	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	341547	20.00	ng		0.00
64) Phenanthrene-d10	11.368	188	640207	20.00	ng		0.00
76) Chrysene-d12	14.009	240	538522	20.00	ng		0.00
86) Perylene-d12	15.468	264	495563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	969629	91.45	ng		0.01
7) Phenol-d6	6.481	99	1244607	88.51	ng		0.00
23) Nitrobenzene-d5	7.404	82	759007	58.98	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	405636	90.73	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1460531	57.84	ng		0.00
79) Terphenyl-d14	12.951	244	1687898	54.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	188602	37.85	ng		99
3) Pyridine	3.416	79	529873	40.23	ng		97
4) n-Nitrosodimethylamine	3.375	42	227318	43.04	ng		95
6) Aniline	6.504	93	486297	29.38	ng		98
8) 2-Chlorophenol	6.628	128	533537	45.66	ng		97
9) Benzaldehyde	6.386	77	225498	26.50	ng		99
10) Phenol	6.492	94	739397	50.75	ng		97
11) bis(2-Chloroethyl)ether	6.575	93	503828	45.26	ng		100
12) 1,3-Dichlorobenzene	6.781	146	568866	41.14	ng		97
13) 1,4-Dichlorobenzene	6.857	146	579545	41.57	ng		98
14) 1,2-Dichlorobenzene	7.010	146	557383	41.41	ng		98
15) Benzyl Alcohol	6.986	79	435150	44.94	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	625812	39.43	ng		96
17) 2-Methylphenol	7.098	107	433699	46.69	ng		99
18) Hexachloroethane	7.351	117	204063	41.07	ng		95
19) n-Nitroso-di-n-propyla...	7.257	70	340007	42.21	ng		97
20) 3+4-Methylphenols	7.251	107	500140	42.62	ng		94
22) Acetophenone	7.251	105	657394	41.01	ng	#	95
24) Nitrobenzene	7.428	77	538256	42.05	ng		97
25) Isophorone	7.669	82	951949	42.95	ng		97
26) 2-Nitrophenol	7.739	139	279175	44.72	ng		99
27) 2,4-Dimethylphenol	7.781	122	461212	50.40	ng		100
28) bis(2-Chloroethoxy)met...	7.875	93	616258	40.60	ng		100
29) 2,4-Dichlorophenol	7.986	162	450110	42.12	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	474404	39.18	ng		98
31) Naphthalene	8.151	128	1478583	41.56	ng		99
32) Benzoic acid	7.798	122	27397m	3.76	ng		
33) 4-Chloroaniline	8.192	127	282667	19.01	ng		99
34) Hexachlorobutadiene	8.263	225	283754	38.08	ng		99
35) Caprolactam	8.569	113	133783m	41.57	ng		
36) 4-Chloro-3-methylphenol	8.686	107	468217	44.48	ng		99
37) 2-Methylnaphthalene	8.839	142	984402	41.83	ng		99
38) 1-Methylnaphthalene	8.939	142	918454	41.26	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	461191	40.77	ng		99
41) Hexachlorocyclopentadiene	8.992	237	480494	96.06	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	315220	40.35	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	339875	42.08	ng	97
46) 1,1'-Biphenyl	9.304	154	1169348	41.25	ng	99
47) 2-Chloronaphthalene	9.327	162	936918	39.89	ng	99
48) 2-Nitroaniline	9.427	65	279721	40.85	ng	93
49) Acenaphthylene	9.745	152	1459981	42.09	ng	100
50) Dimethylphthalate	9.604	163	1195665	43.83	ng	99
51) 2,6-Dinitrotoluene	9.669	165	259111	44.98	ng	99
52) Acenaphthene	9.916	154	902303m	40.20	ng	
53) 3-Nitroaniline	9.833	138	191552	28.78	ng	93
54) 2,4-Dinitrophenol	9.945	184	74577	26.48	ng	92
55) Dibenzofuran	10.086	168	1316926	41.71	ng	99
56) 4-Nitrophenol	10.004	139	379990	80.05	ng	93
57) 2,4-Dinitrotoluene	10.074	165	345297	45.00	ng	95
58) Fluorene	10.433	166	1013323	40.36	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	275331	38.80	ng	99
60) Diethylphthalate	10.304	149	1074889	40.51	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	496880	40.19	ng	97
62) 4-Nitroaniline	10.451	138	276991	40.99	ng	99
63) Azobenzene	10.580	77	1012374	41.51	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	104388	26.74	ng	99
66) n-Nitrosodiphenylamine	10.539	169	928595	41.05	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	342371	39.46	ng	97
68) Hexachlorobenzene	10.980	284	379426	39.56	ng	98
69) Atrazine	11.069	200	268676	36.57	ng	99
70) Pentachlorophenol	11.174	266	291751	57.42	ng	99
71) Phenanthrene	11.392	178	1539523	40.46	ng	100
72) Anthracene	11.445	178	1600024	42.41	ng	100
73) Carbazole	11.598	167	1470247	42.97	ng	99
74) Di-n-butylphthalate	11.927	149	1648624	38.35	ng	99
75) Fluoranthene	12.580	202	1684862	42.23	ng	99
77) Benzidine	12.704	184	552638	47.44	ng	99
78) Pyrene	12.810	202	1688296	40.55	ng	100
80) Butylbenzylphthalate	13.427	149	722860	38.54	ng	96
81) Benzo(a)anthracene	13.998	228	1504365	41.80	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	343939	26.68	ng	98
83) Chrysene	14.039	228	1486461	41.50	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	948981	36.95	ng	99
85) Di-n-octyl phthalate	14.598	149	1600313	37.56	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1288899	39.62	ng	100
88) Benzo(b)fluoranthene	15.051	252	1509039	43.40	ng	99
89) Benzo(k)fluoranthene	15.080	252	1352925	42.56	ng	99
90) Benzo(a)pyrene	15.409	252	1248602	41.05	ng	99
91) Dibenzo(a,h)anthracene	16.950	278	1066910	40.07	ng	100
92) Benzo(g,h,i)perylene	17.374	276	1063603	41.28	ng	98

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

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