Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
Data File : BF122652.D
Acq On : 10 Dec 2020 18:15
Operator : JU/CG
Sample : L4989-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MS

Manual Integrations APPROVED
mohammad
12/11/2020 1:21:27 PM

Quant Time: Dec 11 00:35:19 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	6.840	152	199371	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	803189	20.00	ng		0.00
39) Acenaphthene-d10	9.881	164	428047	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	788252	20.00	ng		0.00
76) Chrysene-d12	14.010	240	522131	20.00	ng		0.00
86) Perylene-d12	15.463	264	527550	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1387678	110.19	ng		0.01
7) Phenol-d6	6.481	99	1791561	107.27	ng		0.00
23) Nitrobenzene-d5	7.410	82	1102948	68.80	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	553423	98.77	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1747319	55.21	ng		0.00
79) Terphenyl-d14	12.951	244	1644316	55.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	197323	33.34	ng		98
3) Pyridine	3.399	79	573231	36.64	ng		98
4) n-Nitrosodimethylamine	3.352	42	253177	40.35	ng		99
6) Aniline	6.504	93	516613	26.28	ng		100
8) 2-Chlorophenol	6.628	128	588602	42.41	ng		97
9) Benzaldehyde	6.387	77	260241	25.74	ng		99
10) Phenol	6.493	94	787316	45.49	ng		99
11) bis(2-Chloroethyl)ether	6.575	93	541454	40.95	ng		98
12) 1,3-Dichlorobenzene	6.781	146	624545	38.03	ng		98
13) 1,4-Dichlorobenzene	6.857	146	631352	38.12	ng		98
14) 1,2-Dichlorobenzene	7.010	146	604631	37.82	ng		99
15) Benzyl Alcohol	6.987	79	483926	42.08	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	684262	36.29	ng		95
17) 2-Methylphenol	7.098	107	480837	43.58	ng		98
18) Hexachloroethane	7.351	117	219625	37.21	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	376853	39.39	ng		99
20) 3+4-Methylphenols	7.251	107	558290	40.05	ng		96
22) Acetophenone	7.251	105	719387	36.02	ng	#	94
24) Nitrobenzene	7.428	77	588886	36.93	ng		99
25) Isophorone	7.669	82	1035398	37.50	ng		98
26) 2-Nitrophenol	7.740	139	310217	39.88	ng		97
27) 2,4-Dimethylphenol	7.781	122	508040	44.56	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	666678	35.26	ng		100
29) 2,4-Dichlorophenol	7.987	162	495962	37.25	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	520017	34.47	ng		99
31) Naphthalene	8.151	128	1624124	36.64	ng		99
32) Benzoic acid	7.904	122	186733	20.56	ng		97
33) 4-Chloroaniline	8.192	127	231766	12.51	ng		98
34) Hexachlorobutadiene	8.263	225	305253	32.88	ng		98
35) Caprolactam	8.575	113	156526m	39.04	ng		
36) 4-Chloro-3-methylphenol	8.687	107	521561	39.77	ng		99
37) 2-Methylnaphthalene	8.839	142	1066441	36.37	ng		99
38) 1-Methylnaphthalene	8.939	142	993681	35.83	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	505237	35.63	ng		99
41) Hexachlorocyclopentadiene	8.992	237	417505	66.60	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	354214	36.18	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	376646	37.21	ng	96
46) 1,1'-Biphenyl	9.304	154	1265474	35.62	ng	99
47) 2-Chloronaphthalene	9.328	162	1018326	34.60	ng	100
48) 2-Nitroaniline	9.428	65	310757	36.21	ng	99
49) Acenaphthylene	9.745	152	1587092	36.51	ng	100
50) Dimethylphthalate	9.610	163	1333780	39.02	ng	100
51) 2,6-Dinitrotoluene	9.669	165	278906	38.63	ng	98
52) Acenaphthene	9.916	154	1042138m	37.05	ng	
53) 3-Nitroaniline	9.834	138	173990	20.86	ng	93
54) 2,4-Dinitrophenol	9.945	184	172773	48.94	ng	95
55) Dibenzofuran	10.086	168	1429701	36.13	ng	100
56) 4-Nitrophenol	10.010	139	454893	76.47	ng	100
57) 2,4-Dinitrotoluene	10.075	165	367062	38.17	ng	96
58) Fluorene	10.433	166	1103601	35.07	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	317559	35.71	ng	100
60) Diethylphthalate	10.304	149	1145230	34.44	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	521504	33.66	ng	97
62) 4-Nitroaniline	10.451	138	287860	33.99	ng	96
63) Azobenzene	10.581	77	1089428	35.64	ng	98
65) 4,6-Dinitro-2-methylph...	10.481	198	151765	31.57	ng	96
66) n-Nitrosodiphenylamine	10.539	169	1005173	36.09	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	365984	34.26	ng	96
68) Hexachlorobenzene	10.980	284	406121	34.39	ng	95
69) Atrazine	11.069	200	277483	30.68	ng	99
70) Pentachlorophenol	11.175	266	405570	64.83	ng	98
71) Phenanthrene	11.392	178	1746393	37.28	ng	100
72) Anthracene	11.445	178	1724455	37.12	ng	100
73) Carbazole	11.598	167	1556362	36.94	ng	99
74) Di-n-butylphthalate	11.927	149	1717822	32.45	ng	100
75) Fluoranthene	12.580	202	1783630	36.31	ng	99
77) Benzidine	12.698	184	491590	43.53	ng	98
78) Pyrene	12.810	202	1768422	43.81	ng	100
80) Butylbenzylphthalate	13.422	149	669933	36.84	ng	100
81) Benzo(a)anthracene	13.998	228	1364862	39.11	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	316587	25.33	ng	99
83) Chrysene	14.033	228	1332637	38.38	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	851702	34.20	ng	99
85) Di-n-octyl phthalate	14.592	149	1325485	32.09	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1485448	42.90	ng	100
88) Benzo(b)fluoranthene	15.045	252	1384083	37.39	ng	100
89) Benzo(k)fluoranthene	15.074	252	1249856	36.93	ng	99
90) Benzo(a)pyrene	15.410	252	1213337	37.47	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	1173488	41.40	ng	99
92) Benzo(g,h,i)perylene	17.374	276	1273190	46.42	ng	100

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

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