Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
Data File : BF122653.D
Acq On : 10 Dec 2020 18:47
Operator : JU/CG
Sample : L4989-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-120920MSD

Manual Integrations APPROVED
mohammad
12/11/2020 1:21:31 PM

Quant Time: Dec 11 00:35:45 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	184193	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	726107	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	383393	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	658588	20.00	ng		0.00
76) Chrysene-d12	14.010	240	447789	20.00	ng		0.00
86) Perylene-d12	15.468	264	470457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1563017	134.34	ng		0.01
7) Phenol-d6	6.481	99	2080950	134.86	ng		0.00
23) Nitrobenzene-d5	7.410	82	1283347	88.55	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	665316	132.57	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2118465	74.74	ng		0.00
79) Terphenyl-d14	12.951	244	1940883	75.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	181788	33.24	ng		97
3) Pyridine	3.393	79	524606	36.29	ng		99
4) n-Nitrosodimethylamine	3.340	42	235488	40.63	ng		99
6) Aniline	6.504	93	477566	26.29	ng		94
8) 2-Chlorophenol	6.628	128	554402	43.23	ng		97
9) Benzaldehyde	6.386	77	244234	26.15	ng		99
10) Phenol	6.498	94	736803	46.08	ng		98
11) bis(2-Chloroethyl)ether	6.575	93	511765	41.90	ng		99
12) 1,3-Dichlorobenzene	6.781	146	585880	38.61	ng		98
13) 1,4-Dichlorobenzene	6.857	146	587981	38.43	ng		98
14) 1,2-Dichlorobenzene	7.010	146	568452	38.49	ng		99
15) Benzyl Alcohol	6.986	79	449322	42.29	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	645489	37.06	ng		97
17) 2-Methylphenol	7.098	107	450138	44.16	ng		98
18) Hexachloroethane	7.351	117	203820	37.38	ng		95
19) n-Nitroso-di-n-propyla...	7.263	70	357485	40.45	ng		99
20) 3+4-Methylphenols	7.251	107	517885	40.22	ng		95
22) Acetophenone	7.251	105	681599	37.75	ng	#	94
24) Nitrobenzene	7.428	77	545804	37.86	ng		100
25) Isophorone	7.669	82	979786	39.25	ng		97
26) 2-Nitrophenol	7.739	139	289503	41.17	ng		98
27) 2,4-Dimethylphenol	7.781	122	474984	46.09	ng		100
28) bis(2-Chloroethoxy)met...	7.875	93	622773	36.43	ng		99
29) 2,4-Dichlorophenol	7.986	162	466341	38.75	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	488556	35.83	ng		99
31) Naphthalene	8.151	128	1523688	38.03	ng		100
32) Benzoic acid	7.910	122	213366	25.98	ng		94
33) 4-Chloroaniline	8.192	127	216233	12.91	ng		99
34) Hexachlorobutadiene	8.263	225	284459	33.89	ng		99
35) Caprolactam	8.575	113	143469	39.58	ng		96
36) 4-Chloro-3-methylphenol	8.686	107	486379	41.03	ng		99
37) 2-Methylnaphthalene	8.839	142	1006122	37.96	ng		99
38) 1-Methylnaphthalene	8.939	142	927687	37.00	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	476340	37.51	ng		100
41) Hexachlorocyclopentadiene	8.992	237	320552	57.09	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	328918	37.50	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	351655	38.79	ng		97
46) 1,1'-Biphenyl	9.304	154	1192227	37.47	ng		99
47) 2-Chloronaphthalene	9.327	162	949712	36.02	ng		99
48) 2-Nitroaniline	9.427	65	286525	37.28	ng		98
49) Acenaphthylene	9.745	152	1478770	37.98	ng		100
50) Dimethylphthalate	9.604	163	1266551	41.36	ng		99
51) 2,6-Dinitrotoluene	9.669	165	258428	39.96	ng		97
52) Acenaphthene	9.916	154	935498m	37.13	ng		
53) 3-Nitroaniline	9.833	138	160701	21.51	ng		95
54) 2,4-Dinitrophenol	9.945	184	123803	39.16	ng	#	90
55) Dibenzofuran	10.086	168	1318364	37.20	ng		100
56) 4-Nitrophenol	10.004	139	395606	74.25	ng		91
57) 2,4-Dinitrotoluene	10.074	165	338277	39.27	ng		91
58) Fluorene	10.427	166	1016762	36.07	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	294411	36.96	ng		99
60) Diethylphthalate	10.304	149	1070257	35.94	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	486545	35.06	ng		95
62) 4-Nitroaniline	10.451	138	239501	31.58	ng		95
63) Azobenzene	10.580	77	994558	36.33	ng		98
65) 4,6-Dinitro-2-methylph...	10.480	198	106203	26.45	ng		98
66) n-Nitrosodiphenylamine	10.539	169	938643	40.34	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	332968	37.31	ng		95
68) Hexachlorobenzene	10.980	284	361669	36.66	ng		96
69) Atrazine	11.069	200	251143	33.23	ng		99
70) Pentachlorophenol	11.174	266	364338	69.70	ng		98
71) Phenanthrene	11.392	178	1515505	38.72	ng		99
72) Anthracene	11.445	178	1520241	39.17	ng		99
73) Carbazole	11.598	167	1321548	37.55	ng		99
74) Di-n-butylphthalate	11.927	149	1559806	35.27	ng		100
75) Fluoranthene	12.580	202	1512685	36.85	ng		99
77) Benzidine	12.698	184	383020	39.54	ng		99
78) Pyrene	12.810	202	1506807	43.52	ng		99
80) Butylbenzylphthalate	13.421	149	577786	37.05	ng		99
81) Benzo(a)anthracene	13.998	228	1245914	41.63	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	332751	31.04	ng		98
83) Chrysene	14.033	228	1206755	40.52	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	756598	35.43	ng		100
85) Di-n-octyl phthalate	14.598	149	1242149	35.07	ng		98
87) Indeno(1,2,3-cd)pyrene	16.933	276	1286531	41.66	ng		100
88) Benzo(b)fluoranthene	15.045	252	1411446	42.76	ng		99
89) Benzo(k)fluoranthene	15.074	252	1059335	35.10	ng		100
90) Benzo(a)pyrene	15.409	252	1164969	40.34	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	1033624	40.90	ng		100
92) Benzo(g,h,i)perylene	17.374	276	1070896	43.78	ng		99

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

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