Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
Data File : BF122772.D
Acq On : 17 Dec 2020 19:09
Operator : JU/CG
Sample : L5118-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WCMSD

Manual Integrations APPROVED
mohammad
12/18/2020 10:26:52 AM

Quant Time: Dec 18 01:43:49 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	190280	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	757214	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	405464	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	740556	20.00	ng		0.00
76) Chrysene-d12	13.992	240	579689	20.00	ng		0.00
86) Perylene-d12	15.445	264	553997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1442882	120.05	ng		0.02
7) Phenol-d6	6.463	99	1909586	119.80	ng		0.00
23) Nitrobenzene-d5	7.392	82	1175891	77.80	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	595212	112.15	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1982376	66.13	ng		0.00
79) Terphenyl-d14	12.933	244	2090401	63.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	198328	35.11	ng		97
3) Pyridine	3.404	79	564374	37.80	ng		97
4) n-Nitrosodimethylamine	3.357	42	234701	39.20	ng		95
6) Aniline	6.486	93	359933	19.18	ng		97
8) 2-Chlorophenol	6.604	128	567968	42.87	ng		98
9) Benzaldehyde	6.369	77	202708	21.01	ng		98
10) Phenol	6.475	94	691799	41.88	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	519647	41.18	ng		100
12) 1,3-Dichlorobenzene	6.763	146	586879	37.44	ng		99
13) 1,4-Dichlorobenzene	6.839	146	586454	37.10	ng		99
14) 1,2-Dichlorobenzene	6.992	146	575587	37.73	ng		99
15) Benzyl Alcohol	6.969	79	457938	41.72	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	635482	35.32	ng		95
17) 2-Methylphenol	7.080	107	467158	44.36	ng		98
18) Hexachloroethane	7.333	117	212895	37.80	ng		99
19) n-Nitroso-di-n-propyla...	7.245	70	362568	39.71	ng		97
20) 3+4-Methylphenols	7.233	107	527406	39.64	ng		96
22) Acetophenone	7.233	105	695087	36.92	ng	#	95
24) Nitrobenzene	7.410	77	563780	37.50	ng		94
25) Isophorone	7.645	82	1018791	39.14	ng		100
26) 2-Nitrophenol	7.722	139	309800	42.25	ng		95
27) 2,4-Dimethylphenol	7.763	122	486237	45.24	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	655868	36.79	ng		99
29) 2,4-Dichlorophenol	7.969	162	486254	38.74	ng		100
30) 1,2,4-Trichlorobenzene	8.045	180	505462	35.54	ng		99
31) Naphthalene	8.127	128	1575675	37.71	ng		100
32) Benzoic acid	7.910	122	337891	39.46	ng		96
33) 4-Chloroaniline	8.174	127	162854	9.32	ng		98
34) Hexachlorobutadiene	8.245	225	293091	33.49	ng		99
35) Caprolactam	8.557	113	153494m	40.60	ng		
36) 4-Chloro-3-methylphenol	8.669	107	511530	41.37	ng		98
37) 2-Methylnaphthalene	8.821	142	1059940	38.35	ng		99
38) 1-Methylnaphthalene	8.921	142	969767	37.09	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	486204	36.20	ng		99
41) Hexachlorocyclopentadiene	8.974	237	450112	75.80	ng		97
43) 2,4,6-Trichlorophenol	9.098	196	346513	37.36	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	363217	37.88	ng	98
46) 1,1'-Biphenyl	9.286	154	1244346	36.98	ng	99
47) 2-Chloronaphthalene	9.310	162	996818	35.75	ng	99
48) 2-Nitroaniline	9.404	65	290596	35.75	ng	94
49) Acenaphthylene	9.727	152	1540634	37.41	ng	99
50) Dimethylphthalate	9.592	163	1424828	44.00	ng	100
51) 2,6-Dinitrotoluene	9.651	165	275565	40.29	ng	96
52) Acenaphthene	9.898	154	1072137m	40.24	ng	
53) 3-Nitroaniline	9.816	138	109529	13.86	ng	97
54) 2,4-Dinitrophenol	9.933	184	281341	84.14	ng	92
55) Dibenzofuran	10.068	168	1372935	36.63	ng	99
56) 4-Nitrophenol	9.992	139	417405	74.07	ng	93
57) 2,4-Dinitrotoluene	10.057	165	362504	39.79	ng	99
58) Fluorene	10.410	166	1055753	35.42	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	310723	36.89	ng	100
60) Diethylphthalate	10.286	149	1139358	36.17	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	510609	34.79	ng	96
62) 4-Nitroaniline	10.439	138	269576	33.61	ng	96
63) Azobenzene	10.563	77	1058059	36.55	ng	97
65) 4,6-Dinitro-2-methylph...	10.468	198	204829	45.36	ng	98
66) n-Nitrosodiphenylamine	10.521	169	984625	37.63	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	360158	35.89	ng	93
68) Hexachlorobenzene	10.963	284	396823	35.77	ng	95
69) Atrazine	11.051	200	277743	32.68	ng	99
70) Pentachlorophenol	11.157	266	434078	73.85	ng	99
71) Phenanthrene	11.374	178	1584314	36.00	ng	100
72) Anthracene	11.427	178	1618502	37.09	ng	100
73) Carbazole	11.580	167	1469233	37.12	ng	99
74) Di-n-butylphthalate	11.910	149	1705895	34.30	ng	99
75) Fluoranthene	12.562	202	1661036	35.99	ng	99
77) Benzidine	12.680	184	531772	42.41	ng	99
78) Pyrene	12.792	202	1689827	37.70	ng	100
80) Butylbenzylphthalate	13.404	149	728942	36.11	ng	99
81) Benzo(a)anthracene	13.980	228	1458440	37.65	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	312111	22.49	ng	98
83) Chrysene	14.021	228	1461960	37.92	ng	100
84) Bis(2-ethylhexyl)phtha...	13.962	149	958541	34.67	ng	100
85) Di-n-octyl phthalate	14.574	149	1621610	35.36	ng	99
87) Indeno(1,2,3-cd)pyrene	16.897	276	1347546	37.06	ng	99
88) Benzo(b)fluoranthene	15.027	252	1475753	37.97	ng	98
89) Benzo(k)fluoranthene	15.056	252	1353784	38.09	ng	99
90) Benzo(a)pyrene	15.386	252	1253575	36.86	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1120303	37.64	ng	100
92) Benzo(g,h,i)perylene	17.339	276	1124257	39.03	ng	100

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

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