Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
Data File : BF122347.D
Acq On : 17 Nov 2020 15:47
Operator : JU/CG
Sample : L4586-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations APPROVED
mohammad
11/19/2020 10:28:48 AM

Quant Time: Nov 17 16:15:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	256618	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	994276	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	544301	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1046544	20.00	ng		0.00
76) Chrysene-d12	14.033	240	844490	20.00	ng		0.00
86) Perylene-d12	15.503	264	762305	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.486	112	2018919	120.80	ng		0.01
7) Phenol-d6	6.492	99	2678564	122.52	ng		0.00
23) Nitrobenzene-d5	7.433	82	1633770	100.59	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	813278	139.22	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2769732	79.51	ng		0.00
79) Terphenyl-d14	12.980	244	3140191	78.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	325375	42.45	ng		91
3) Pyridine	3.428	79	912439	43.29	ng		92
4) n-Nitrosodimethylamine	3.381	42	441237	44.40	ng		95
6) Aniline	6.528	93	739669	25.78	ng		96
8) 2-Chlorophenol	6.651	128	862139	49.74	ng		89
9) Benzaldehyde	6.410	77	154366	9.91	ng		95
10) Phenol	6.504	94	1096216	50.92	ng		79
11) bis(2-Chloroethyl)ether	6.598	93	797227	46.59	ng		96
12) 1,3-Dichlorobenzene	6.810	146	909779	46.24	ng		95
13) 1,4-Dichlorobenzene	6.886	146	906001	45.84	ng		96
14) 1,2-Dichlorobenzene	7.039	146	881057	47.76	ng		98
15) Benzyl Alcohol	7.004	79	740663	47.65	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1127409	45.20	ng		99
17) 2-Methylphenol	7.116	107	701177	48.47	ng		99
18) Hexachloroethane	7.380	117	322847	46.90	ng		97
19) n-Nitroso-di-n-propyla...	7.280	70	597965	45.77	ng		96
20) 3+4-Methylphenols	7.269	107	855638	48.06	ng	#	81
22) Acetophenone	7.275	105	1106375	42.72	ng	#	91
24) Nitrobenzene	7.451	77	906465	48.78	ng		94
25) Isophorone	7.692	82	1570010	43.36	ng		96
26) 2-Nitrophenol	7.763	139	434808	53.06	ng		96
27) 2,4-Dimethylphenol	7.798	122	740210	43.34	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	984811	44.47	ng		99
29) 2,4-Dichlorophenol	8.004	162	735033	48.61	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	752777	45.11	ng		97
31) Naphthalene	8.175	128	2334995	44.17	ng		98
32) Benzoic acid	7.927	122	563451	57.68	ng		99
33) 4-Chloroaniline	8.216	127	291868	12.68	ng		97
34) Hexachlorobutadiene	8.292	225	431670	45.00	ng		100
35) Caprolactam	8.592	113	246945m	51.53	ng		
36) 4-Chloro-3-methylphenol	8.698	107	763861	48.44	ng		97
37) 2-Methylnaphthalene	8.869	142	1576034	45.13	ng		98
38) 1-Methylnaphthalene	8.963	142	1468507	44.92	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	718655	42.85	ng		99
41) Hexachlorocyclopentadiene	9.022	237	809810	82.58	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	529120	48.58	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	563561	49.35	ng		99
46) 1,1'-Biphenyl	9.333	154	1876904	43.32	ng		98
47) 2-Chloronaphthalene	9.357	162	1513777	44.02	ng		97
48) 2-Nitroaniline	9.445	65	492461	48.07	ng		95
49) Acenaphthylene	9.774	152	2331690	44.12	ng		99
50) Dimethylphthalate	9.633	163	2291145	59.22	ng		99
51) 2,6-Dinitrotoluene	9.692	165	423734	49.12	ng	#	81
52) Acenaphthene	9.945	154	1618935	49.49	ng		99
53) 3-Nitroaniline	9.857	138	252739	27.42	ng		90
54) 2,4-Dinitrophenol	9.963	184	381864	94.26	ng		89
55) Dibenzofuran	10.116	168	2135660	44.56	ng		100
56) 4-Nitrophenol	10.016	139	789772	92.67	ng		93
57) 2,4-Dinitrotoluene	10.092	165	578953	52.83	ng		92
58) Fluorene	10.457	166	1644515	44.81	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	506622	53.35	ng		97
60) Diethylphthalate	10.333	149	1716746	45.23	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	778845	44.95	ng		98
62) 4-Nitroaniline	10.474	138	449692	46.95	ng		97
63) Azobenzene	10.610	77	1713233	43.03	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	269490	55.78	ng		84
66) n-Nitrosodiphenylamine	10.569	169	1537273	43.11	ng		95
67) 4-Bromophenyl-phenylether	10.939	248	549392	44.67	ng		99
68) Hexachlorobenzene	11.004	284	599620	45.13	ng		98
69) Atrazine	11.092	200	438955	49.43	ng		99
70) Pentachlorophenol	11.198	266	734546	95.95	ng		98
71) Phenanthrene	11.421	178	2557696	43.07	ng		98
72) Anthracene	11.468	178	2617033	42.76	ng		98
73) Carbazole	11.621	167	2470736	44.38	ng		99
74) Di-n-butylphthalate	11.957	149	2629699	44.31	ng		99
75) Fluoranthene	12.610	202	2767265	44.64	ng		97
77) Benzidine	12.721	184	589677	25.18	ng		99
78) Pyrene	12.839	202	2827543	47.66	ng		98
80) Butylbenzylphthalate	13.457	149	1135040	47.73	ng		95
81) Benzo(a)anthracene	14.027	228	2307325	43.93	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	539879	27.58	ng		98
83) Chrysene	14.062	228	2345363	44.34	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	1358323	47.48	ng		98
85) Di-n-octyl phthalate	14.627	149	2262045	46.66	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	2374204	51.90	ng		100
88) Benzo(b)fluoranthene	15.074	252	2378675	48.18	ng		99
89) Benzo(k)fluoranthene	15.104	252	1983556	41.20	ng		98
90) Benzo(a)pyrene	15.439	252	1955780	45.44	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	1922176	50.17	ng		100
92) Benzo(g,h,i)perylene	17.421	276	2028599	54.45	ng		99

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

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