Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111820\
Data File : BF122369.D
Acq On : 18 Nov 2020 15:58
Operator : JU/CG
Sample : L4771-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CD-BH-01-4-5MSD

Manual Integrations APPROVED
mohammad
11/20/2020 11:28:40 AM

Quant Time: Nov 18 17:07:54 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	248768	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	984274	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	539897	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1010010	20.00	ng		0.00
76) Chrysene-d12	14.033	240	884894	20.00	ng		0.00
86) Perylene-d12	15.504	264	883414	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1593402	98.35	ng		0.00
7) Phenol-d6	6.492	99	2077863	98.04	ng		0.00
23) Nitrobenzene-d5	7.428	82	1279847	79.60	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	658550	113.65	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	2210783	63.98	ng		0.00
79) Terphenyl-d14	12.980	244	2519183	60.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	304498	40.98	ng		89
3) Pyridine	3.422	79	870976	42.62	ng		89
4) n-Nitrosodimethylamine	3.375	42	397138	41.23	ng		88
6) Aniline	6.528	93	389191	14.00	ng		96
8) 2-Chlorophenol	6.651	128	834603	49.67	ng		89
9) Benzaldehyde	6.410	77	125806	7.98	ng		93
10) Phenol	6.504	94	1018700	48.81	ng		79
11) bis(2-Chloroethyl)ether	6.598	93	774856	46.71	ng		95
12) 1,3-Dichlorobenzene	6.810	146	888680	46.59	ng		95
13) 1,4-Dichlorobenzene	6.886	146	891525	46.53	ng		96
14) 1,2-Dichlorobenzene	7.039	146	858381	48.00	ng		98
15) Benzyl Alcohol	7.004	79	709662	47.10	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1091876	45.16	ng		97
17) 2-Methylphenol	7.116	107	676670	48.25	ng		99
18) Hexachloroethane	7.381	117	314675	47.16	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	574643	45.37	ng		94
20) 3+4-Methylphenols	7.269	107	832225	48.22	ng	#	83
22) Acetophenone	7.275	105	1050201	40.96	ng	#	91
24) Nitrobenzene	7.451	77	869508	47.27	ng		93
25) Isophorone	7.692	82	1551778	43.29	ng		95
26) 2-Nitrophenol	7.769	139	429636	52.98	ng		93
27) 2,4-Dimethylphenol	7.804	122	741484	43.86	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	975138	44.48	ng		99
29) 2,4-Dichlorophenol	8.004	162	721661	48.21	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	740879	44.85	ng		96
31) Naphthalene	8.175	128	2275444	43.48	ng		98
32) Benzoic acid	7.922	122	432801	46.54	ng		99
33) 4-Chloroaniline	8.216	127	134936	5.92	ng		97
34) Hexachlorobutadiene	8.292	225	438625	46.19	ng		99
35) Caprolactam	8.592	113	230215m	48.52	ng		
36) 4-Chloro-3-methylphenol	8.704	107	748026	47.91	ng		93
37) 2-Methylnaphthalene	8.869	142	1552757	44.91	ng		99
38) 1-Methylnaphthalene	8.969	142	1452573	44.89	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	717530	43.13	ng		99
41) Hexachlorocyclopentadiene	9.022	237	848569	87.23	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	525690	48.65	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	570688	50.38	ng		99
46) 1,1'-Biphenyl	9.333	154	1849638	43.04	ng		97
47) 2-Chloronaphthalene	9.357	162	1492551	43.76	ng		96
48) 2-Nitroaniline	9.445	65	466579	46.14	ng		94
49) Acenaphthylene	9.774	152	2312224	44.11	ng		99
50) Dimethylphthalate	9.633	163	2158129	56.24	ng		99
51) 2,6-Dinitrotoluene	9.692	165	416539	48.71	ng	#	80
52) Acenaphthene	9.945	154	1583214	48.79	ng		99
53) 3-Nitroaniline	9.851	138	135091	16.42	ng		98
54) 2,4-Dinitrophenol	9.963	184	363890	92.09	ng		91
55) Dibenzofuran	10.116	168	2116865	44.53	ng		100
56) 4-Nitrophenol	10.016	139	732340	86.99	ng		95
57) 2,4-Dinitrotoluene	10.092	165	572986	52.73	ng		91
58) Fluorene	10.457	166	1607428	44.15	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	488016	51.81	ng		97
60) Diethylphthalate	10.333	149	1717465	45.62	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	777406	45.24	ng		98
62) 4-Nitroaniline	10.474	138	415111	43.93	ng		99
63) Azobenzene	10.610	77	1692472	42.85	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	266061	56.62	ng		84
66) n-Nitrosodiphenylamine	10.569	169	1497239	43.51	ng		94
67) 4-Bromophenyl-phenylether	10.939	248	551736	46.49	ng		97
68) Hexachlorobenzene	11.004	284	596131	46.49	ng		98
69) Atrazine	11.092	200	440434	51.39	ng		99
70) Pentachlorophenol	11.198	266	716741	97.01	ng		98
71) Phenanthrene	11.421	178	2479474	43.27	ng		98
72) Anthracene	11.474	178	2557505	43.30	ng		99
73) Carbazole	11.621	167	2356344	43.86	ng		99
74) Di-n-butylphthalate	11.957	149	2625752	45.84	ng		99
75) Fluoranthene	12.610	202	2673237	44.68	ng		97
77) Benzidine	12.721	184	568340	23.16	ng		99
78) Pyrene	12.839	202	2726265	43.85	ng		99
80) Butylbenzylphthalate	13.457	149	1176676	47.25	ng		95
81) Benzo(a)anthracene	14.027	228	2416457	43.91	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	328938	16.04	ng		97
83) Chrysene	14.062	228	2463422	44.44	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	1470314	49.05	ng		97
85) Di-n-octyl phthalate	14.627	149	2629763	51.77	ng		97
87) Indeno(1,2,3-cd)pyrene	16.974	276	2550171	48.11	ng		100
88) Benzo(b)fluoranthene	15.080	252	2685582	46.94	ng		100
89) Benzo(k)fluoranthene	15.109	252	2305519	41.33	ng		98
90) Benzo(a)pyrene	15.445	252	2241369	44.94	ng		98
91) Dibenzo(a,h)anthracene	16.998	278	2095392	47.19	ng		98
92) Benzo(g,h,i)perylene	17.421	276	2128366	49.29	ng		99

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

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