Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121816.D
Acq On : 5 Oct 2020 13:43
Operator : JU/CG
Sample : L4200-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB-2020-WS-000-01MSD

Manual Integrations APPROVED
mohammad
10/7/2020 10:35:57 AM

Quant Time: Oct 05 14:17:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	103302	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	403573	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	209952	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	407106	20.00	ng		0.00
76) Chrysene-d12	13.93	240	336045	20.00	ng		0.00
86) Perylene-d12	15.36	264	297074	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	779112	112.08	ng		0.01
7) Phenol-d6	6.42	99	915327	100.37	ng		0.00
23) Nitrobenzene-d5	7.33	82	735877	97.90	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	351094	134.55	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1279843	92.32	ng		0.00
79) Terphenyl-d14	12.87	244	1522649	91.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	121138	37.933	ng	#	83
3) Pyridine	3.30	79	266327	30.168	ng		99
4) n-Nitrosodimethylamine	3.22	42	171799	41.954	ng		100
6) Aniline	6.43	93	211983	17.848	ng	#	1
8) 2-Chlorophenol	6.56	128	333859	47.174	ng		96
9) Benzaldehyde	6.32	77	35415	5.940	ng		98
10) Phenol	6.43	94	363296	37.411	ng		91
11) bis(2-Chloroethyl)ether	6.50	93	343176	46.887	ng		99
12) 1,3-Dichlorobenzene	6.70	146	336865	42.645	ng		99
13) 1,4-Dichlorobenzene	6.78	146	341459	43.050	ng		100
14) 1,2-Dichlorobenzene	6.93	146	323126	44.223	ng		98
15) Benzyl Alcohol	6.92	79	299388	48.301	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	520567	44.199	ng		93
17) 2-Methylphenol	7.03	107	261219	43.379	ng		95
18) Hexachloroethane	7.27	117	122458	43.119	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	242042	46.053	ng		98
20) 3+4-Methylphenols	7.19	107	325601	45.004	ng	#	74
22) Acetophenone	7.17	105	458812	44.809	ng	#	92
24) Nitrobenzene	7.35	77	367782	45.240	ng		99
25) Isophorone	7.59	82	669398	44.241	ng		100
26) 2-Nitrophenol	7.67	139	176020	46.100	ng		100
27) 2,4-Dimethylphenol	7.71	122	293896	43.514	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	423753	45.239	ng		100
29) 2,4-Dichlorophenol	7.92	162	279904	45.501	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	283108	43.698	ng		100
31) Naphthalene	8.07	128	939847	44.116	ng		99
32) Benzoic acid	7.86	122	161932	34.427	ng		99
33) 4-Chloroaniline	8.12	127	137619	14.902	ng		97
34) Hexachlorobutadiene	8.19	225	168721	44.367	ng		99
35) Caprolactam	8.50	113	75518m	36.864	ng		
36) 4-Chloro-3-methylphenol	8.62	107	303551	45.806	ng		99
37) 2-Methylnaphthalene	8.76	142	629288	45.074	ng		99
38) 1-Methylnaphthalene	8.86	142	583873	44.936	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	295291	45.026	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	195872	52.299 ng	98
43) 2,4,6-Trichlorophenol	9.05	196	200715	44.901 ng	99
44) 2,4,5-Trichlorophenol	9.09	196	213420	45.162 ng	97
46) 1,1'-Biphenyl	9.23	154	759082	45.162 ng	98
47) 2-Chloronaphthalene	9.25	162	587016	44.319 ng	99
48) 2-Nitroaniline	9.35	65	205035	49.815 ng	100
49) Acenaphthylene	9.66	152	924445	45.425 ng	100
50) Dimethylphthalate	9.53	163	751880	49.411 ng	100
51) 2,6-Dinitrotoluene	9.59	165	162045	50.003 ng	94
52) Acenaphthene	9.83	154	553411	43.054 ng	100
53) 3-Nitroaniline	9.76	138	100269	26.709 ng	94
54) 2,4-Dinitrophenol	9.88	184	167389	88.473 ng	98
55) Dibenzofuran	10.01	168	812360	44.878 ng	100
56) 4-Nitrophenol	9.94	139	208788	69.737 ng	87
57) 2,4-Dinitrotoluene	10.00	165	209466	51.377 ng	96
58) Fluorene	10.35	166	653362	47.199 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	180919	47.092 ng	99
60) Diethylphthalate	10.23	149	720199	48.543 ng	99
61) 4-Chlorophenyl-phenylether	10.34	204	316061	47.663 ng	96
62) 4-Nitroaniline	10.37	138	163652	43.904 ng	98
63) Azobenzene	10.50	77	733411	46.420 ng	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	120551	48.219 ng	90
66) n-Nitrosodiphenylamine	10.46	169	625470	44.782 ng	100
67) 4-Bromophenyl-phenylether	10.83	248	215893	46.578 ng	95
68) Hexachlorobenzene	10.90	284	237507	45.405 ng	99
69) Atrazine	10.99	200	154256	44.455 ng	99
70) Pentachlorophenol	11.10	266	225120	78.365 ng	98
71) Phenanthrene	11.31	178	991940	44.721 ng	99
72) Anthracene	11.36	178	1026068	44.827 ng	99
73) Carbazole	11.52	167	931294	45.086 ng	100
74) Di-n-butylphthalate	11.85	149	1171484	49.139 ng	99
75) Fluoranthene	12.50	202	1098739	46.404 ng	100
77) Benzidine	12.62	184	49678	4.459 ng	100
78) Pyrene	12.73	202	1117629	45.520 ng	99
80) Butylbenzylphthalate	13.34	149	513030	51.666 ng	98
81) Benzo(a)anthracene	13.92	228	978543	46.028 ng	100
82) 3,3'-Dichlorobenzidine	13.88	252	260244	31.355 ng	99
83) Chrysene	13.96	228	981532	45.592 ng	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	720644	54.325 ng	99
85) Di-n-octyl phthalate	14.52	149	1264025	53.993 ng	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	954486	49.337 ng	100
88) Benzo(b)fluoranthene	14.95	252	943155	47.491 ng	99
89) Benzo(k)fluoranthene	14.98	252	897178	49.332 ng	99
90) Benzo(a)pyrene	15.30	252	815750	48.322 ng	99
91) Dibenzo(a,h)anthracene	16.80	278	785271	48.761 ng	99
92) Benzo(g,h,i)perylene	17.21	276	792853	50.084 ng	100

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

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