Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
Data File : BF121673.D
Acq On : 23 Sep 2020 18:53
Operator : JU/CG
Sample : L3863-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Manual Integrations APPROVED
mohammad
9/24/2020 10:46:38 AM

Quant Time: Sep 24 00:33:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145373	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	576335	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	309003	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	605662	20.00	ng		0.00
76) Chrysene-d12	13.98	240	524089	20.00	ng		0.00
86) Perylene-d12	15.43	264	516499	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1054875	107.84	ng		0.02
7) Phenol-d6	6.46	99	1273362	99.22	ng		0.00
23) Nitrobenzene-d5	7.38	82	1040723	96.95	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	518625	135.04	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1778158	87.15	ng		0.00
79) Terphenyl-d14	12.93	244	2095377	81.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	167837	37.347	ng	#	83
3) Pyridine	3.43	79	367893	29.612	ng		98
4) n-Nitrosodimethylamine	3.36	42	240261	41.692	ng		98
6) Aniline	6.47	93	281005	16.812	ng	#	51
8) 2-Chlorophenol	6.60	128	467445	46.935	ng		96
9) Benzaldehyde	6.36	77	123399	14.709	ng		98
10) Phenol	6.47	94	498540	36.480	ng		85
11) bis(2-Chloroethyl)ether	6.55	93	492566	47.822	ng		98
12) 1,3-Dichlorobenzene	6.75	146	495234	44.550	ng		98
13) 1,4-Dichlorobenzene	6.83	146	497043	44.530	ng		98
14) 1,2-Dichlorobenzene	6.98	146	470687	45.775	ng		99
15) Benzyl Alcohol	6.96	79	425013	48.724	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	711909	42.952	ng		88
17) 2-Methylphenol	7.07	107	378337	44.646	ng		97
18) Hexachloroethane	7.32	117	183107	45.815	ng		100
19) n-Nitroso-di-n-propylamine	7.23	70	339362	45.883	ng		98
20) 3+4-Methylphenols	7.23	107	451004	44.296	ng		95
22) Acetophenone	7.22	105	635367	43.451	ng	#	97
24) Nitrobenzene	7.40	77	514555	44.322	ng		98
25) Isophorone	7.64	82	940784	43.539	ng		98
26) 2-Nitrophenol	7.71	139	250085	45.877	ng		95
27) 2,4-Dimethylphenol	7.75	122	412259	42.742	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	590737	44.161	ng		99
29) 2,4-Dichlorophenol	7.96	162	398931	45.410	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	407402	44.033	ng		99
31) Naphthalene	8.12	128	1327625	43.638	ng		100
32) Benzoic acid	7.90	122	272855	39.373	ng		97
33) 4-Chloroaniline	8.16	127	177970	13.495	ng		98
34) Hexachlorobutadiene	8.23	225	246426	45.376	ng		99
35) Caprolactam	8.55	113	108967m	37.247	ng		
36) 4-Chloro-3-methylphenol	8.66	107	432279	45.678	ng		99
37) 2-Methylnaphthalene	8.80	142	883728	44.324	ng		98
38) 1-Methylnaphthalene	8.90	142	826195	44.525	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	416942	43.196	ng		99

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Quant Time: Sep 24 00:33:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	415604	75.398 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	292626	44.478 ng	100
44) 2,4,5-Trichlorophenol	9.14	196	312636	44.950 ng	97
46) 1,1'-Biphenyl	9.27	154	1069166	43.220 ng	100
47) 2-Chloronaphthalene	9.30	162	832725	42.717 ng	99
48) 2-Nitroaniline	9.40	65	292187	48.234 ng	96
49) Acenaphthylene	9.72	152	1301929	43.467 ng	99
50) Dimethylphthalate	9.58	163	1033143	46.131 ng	99
51) 2,6-Dinitrotoluene	9.64	165	232741	48.797 ng	98
52) Acenaphthene	9.89	154	782005	41.337 ng	99
53) 3-Nitroaniline	9.81	138	145392	26.314 ng	100
54) 2,4-Dinitrophenol	9.92	184	267624	95.329 ng	96
55) Dibenzofuran	10.06	168	1158828	43.497 ng	99
56) 4-Nitrophenol	9.99	139	347792	78.928 ng	97
57) 2,4-Dinitrotoluene	10.05	165	312797	52.129 ng	91
58) Fluorene	10.40	166	917961	45.057 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	267378	47.287 ng	99
60) Diethylphthalate	10.28	149	1028873	47.119 ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	447186	45.820 ng	97
62) 4-Nitroaniline	10.43	138	237484	43.288 ng	96
63) Azobenzene	10.55	77	1016829	43.729 ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	180462	48.477 ng	86
66) n-Nitrosodiphenylamine	10.52	169	873213	42.024 ng	98
67) 4-Bromophenyl-phenylether	10.88	248	303970	44.081 ng	95
68) Hexachlorobenzene	10.95	284	345996	44.461 ng	96
69) Atrazine	11.04	200	224564	43.500 ng	97
70) Pentachlorophenol	11.14	266	385752	90.260 ng	98
71) Phenanthrene	11.36	178	1406656	42.627 ng	100
72) Anthracene	11.42	178	1461630	42.922 ng	99
73) Carbazole	11.57	167	1345737	43.792 ng	100
74) Di-n-butylphthalate	11.90	149	1609333	45.375 ng	100
75) Fluoranthene	12.55	202	1569149	44.545 ng	99
77) Benzidine	12.67	184	147063	8.464 ng	98
78) Pyrene	12.78	202	1609253	42.026 ng	100
80) Butylbenzylphthalate	13.40	149	708808	45.770 ng	99
81) Benzo(a)anthracene	13.97	228	1448113	43.675 ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	405345	31.314 ng	99
83) Chrysene	14.01	228	1435241	42.747 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	931701	45.035 ng	100
85) Di-n-octyl phthalate	14.57	149	1652699	45.266 ng	100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1541326	45.824 ng	99
88) Benzo(b)fluoranthene	15.02	252	1599432	46.322 ng	99
89) Benzo(k)fluoranthene	15.04	252	1371134	43.364 ng	99
90) Benzo(a)pyrene	15.37	252	1351478	46.046 ng	99
91) Dibenzo(a,h)anthracene	16.90	278	1251377	44.693 ng	100
92) Benzo(g,h,i)perylene	17.32	276	1238963	45.016 ng	99

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

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