Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120739.D
Acq On : 29 Jun 2020 20:42
Operator : JU/CG
Sample : L3128-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
78-64MS

Manual Integrations APPROVED
mohammad
6/30/2020 4:14:48 PM

Quant Time: Jun 30 02:13:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140183	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	206735	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	86603	20.00	ng		0.03
64) Phenanthrene-d10	11.37	188	118561	20.00	ng		0.06
76) Chrysene-d12	13.99	240	136482	20.00	ng		0.03
86) Perylene-d12	15.42	264	159015	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	787348	96.29	ng		0.08
7) Phenol-d6	6.51	99	1032041	101.34	ng		0.08
23) Nitrobenzene-d5	7.37	82	291395	78.79	ng		0.01
42) 2,4,6-Tribromophenol	10.67	330	119456	118.64	ng		0.05
45) 2-Fluorobiphenyl	9.16	172	590386	104.30	ng		0.01
79) Terphenyl-d14	12.95	244	705405	114.17	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	123752	31.934	ng		99
3) Pyridine	3.28	79	335262	30.775	ng		96
4) n-Nitrosodimethylamine	3.24	42	153961	34.054	ng		98
6) Aniline	6.47	93	444531	34.108	ng		100
8) 2-Chlorophenol	6.62	128	444738	48.133	ng		98
9) Benzaldehyde	6.35	77	173041	26.864	ng		95
10) Phenol	6.52	94	491590	45.243	ng		88
11) bis(2-Chloroethyl)ether	6.53	93	396774	43.840	ng		99
12) 1,3-Dichlorobenzene	6.74	146	462691	47.103	ng		97
13) 1,4-Dichlorobenzene	6.82	146	458562	47.315	ng		98
14) 1,2-Dichlorobenzene	6.97	146	398316	42.191	ng		97
15) Benzyl Alcohol	6.96	79	309370	42.837	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	556628	42.715	ng		98
17) 2-Methylphenol	7.10	107	329091	41.760	ng		99
18) Hexachloroethane	7.31	117	110012	30.805	ng		100
19) n-Nitroso-di-n-propylamine	7.22	70	263636	44.629	ng		99
20) 3+4-Methylphenols	7.26	107	359119	36.468	ng	#	61
22) Acetophenone	7.21	105	520952	112.713	ng	#	92
24) Nitrobenzene	7.39	77	181873	46.991	ng		96
25) Isophorone	7.63	82	319497	44.347	ng		97
26) 2-Nitrophenol	7.70	139	81996	40.046	ng		96
27) 2,4-Dimethylphenol	7.77	122	146768	48.682	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	200062	47.904	ng		99
29) 2,4-Dichlorophenol	7.97	162	150780	49.201	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	167754	49.395	ng		96
31) Naphthalene	8.10	128	506959	49.940	ng		100
32) Benzoic acid	7.92	122	101336	43.809	ng		96
33) 4-Chloroaniline	8.17	127	128235	27.522	ng		98
34) Hexachlorobutadiene	8.22	225	101838	51.442	ng		99
35) Caprolactam	8.56	113	47504m	48.466	ng		
36) 4-Chloro-3-methylphenol	8.69	107	160592	52.452	ng		93
37) 2-Methylnaphthalene	8.80	142	348524	52.592	ng		98
38) 1-Methylnaphthalene	8.90	142	329135	52.782	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	163912	63.387	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	29526	20.376	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	107839	58.789	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	106356	51.106	ng	#	84
46) 1,1'-Biphenyl	9.26	154	398046	61.553	ng		97
47) 2-Chloronaphthalene	9.29	162	302609	57.225	ng		96
48) 2-Nitroaniline	9.40	65	96131	57.882	ng		93
49) Acenaphthylene	9.73	152	454016	55.631	ng	#	84
50) Dimethylphthalate	9.57	163	455467	73.025	ng	#	94
51) 2,6-Dinitrotoluene	9.64	165	86850	61.442	ng	#	84
52) Acenaphthene	9.89	154	248539	51.063	ng		94
53) 3-Nitroaniline	9.82	138	62512	36.820	ng	#	87
54) 2,4-Dinitrophenol	9.94	184	824	4.018	ng	#	1
55) Dibenzofuran	10.07	168	367519	49.244	ng	#	87
56) 4-Nitrophenol	10.03	139	97902	76.565	ng	#	31
57) 2,4-Dinitrotoluene	10.05	165	78001	41.586	ng	#	91
58) Fluorene	10.42	166	269859	46.905	ng	#	88
59) 2,3,4,6-Tetrachlorophenol	10.20	232	61621	37.637	ng	#	92
60) Diethylphthalate	10.28	149	291882	47.515	ng	#	85
61) 4-Chlorophenyl-phenylether	10.40	204	142809	48.066	ng	#	72
62) 4-Nitroaniline	10.43	138	57633	34.194	ng	#	68
63) Azobenzene	10.57	77	255839	45.881	ng		86
65) 4,6-Dinitro-2-methylphenol	10.46	198	3185	4.477	ng	#	1
66) n-Nitrosodiphenylamine	10.53	169	241191	66.245	ng		98
67) 4-Bromophenyl-phenylether	10.90	248	73459	54.593	ng	#	73
68) Hexachlorobenzene	10.98	284	88905	61.454	ng	#	58
69) Atrazine	11.08	200	66604	59.115	ng	#	31
70) Pentachlorophenol	11.19	266	52947	65.829	ng		97
71) Phenanthrene	11.40	178	336070	57.023	ng	#	81
72) Anthracene	11.45	178	330961	55.711	ng	#	86
73) Carbazole	11.60	167	278529	47.364	ng	#	82
74) Di-n-butylphthalate	11.92	149	358528	54.230	ng	#	90
75) Fluoranthene	12.59	202	533506	79.174	ng		96
77) Benzidine	12.70	184	133239	28.866	ng	#	60
78) Pyrene	12.82	202	583518	60.352	ng		96
80) Butylbenzylphthalate	13.40	149	171978	40.058	ng	#	87
81) Benzo(a)anthracene	13.98	228	482785	58.878	ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	78749	25.143	ng		99
83) Chrysene	14.02	228	452111	53.753	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	297258	56.733	ng		100
85) Di-n-octyl phthalate	14.56	149	521319	52.134	ng		100
87) Indeno(1,2,3-cd)pyrene	16.86	276	500493	51.744	ng		97
88) Benzo(b)fluoranthene	15.01	252	557971	58.906	ng		98
89) Benzo(k)fluoranthene	15.04	252	460175	54.903	ng		99
90) Benzo(a)pyrene	15.36	252	467878	55.192	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	402961	51.952	ng		98
92) Benzo(g,h,i)perylene	17.29	276	387077	49.510	ng		95

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

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