Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118510.D
Acq On : 8 Jan 2020 20:45
Operator : JU
Sample : L1049-10MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-4MS

Manual Integrations APPROVED
mohammad
1/9/2020 12:11:00 PM

Quant Time: Jan 09 03:52:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	68317	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	260343	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	136446	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	237304	20.00	ng		0.00
76) Chrysene-d12	14.03	240	172954	20.00	ng		0.00
87) Perylene-d12	15.52	264	219234	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	428502	103.54	ng		0.00
7) Phenol-d6	6.47	99	572907	115.79	ng		0.00
23) Nitrobenzene-d5	7.40	82	331145	66.82	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	185920	115.48	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	615274	64.67	ng		-0.01
79) Terphenyl-d14	12.96	244	582318	53.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	53861	39.037	ng		98
3) Pyridine	3.34	79	134077	36.101	ng		93
4) n-Nitrosodimethylamine	3.29	42	81232	43.647	ng		92
6) Aniline	6.49	93	135002	21.944	ng	#	80
8) 2-Chlorophenol	6.62	128	198188	43.800	ng		97
9) Benzaldehyde	6.38	77	103764	37.670	ng		100
10) Phenol	6.49	94	239108	43.611	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	161721	41.373	ng		98
12) 1,3-Dichlorobenzene	6.77	146	214776	40.604	ng		99
13) 1,4-Dichlorobenzene	6.85	146	219804	40.726	ng		99
14) 1,2-Dichlorobenzene	7.00	146	204983	39.302	ng		99
15) Benzyl Alcohol	6.97	79	168865	42.074	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	164290	37.889	ng	#	53
17) 2-Methylphenol	7.09	107	156879	42.187	ng		98
18) Hexachloroethane	7.34	117	75400	36.870	ng	#	90
19) n-Nitroso-di-n-propylamine	7.25	70	130085	40.820	ng		97
20) 3+4-Methylphenols	7.25	107	203161	40.275	ng		91
22) Acetophenone	7.24	105	270484	40.987	ng		97
24) Nitrobenzene	7.42	77	194971	39.564	ng		97
25) Isophorone	7.66	82	340389	42.873	ng		99
26) 2-Nitrophenol	7.73	139	106854	43.917	ng		98
27) 2,4-Dimethylphenol	7.77	122	169209	51.713	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	207970	39.843	ng		99
29) 2,4-Dichlorophenol	7.98	162	161904	42.378	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	176649	39.810	ng		98
31) Naphthalene	8.14	128	605463	44.460	ng		99
32) Benzoic acid	7.91	122	87437	40.045	ng		99
33) 4-Chloroaniline	8.19	127	61066	10.892	ng		97
34) Hexachlorobutadiene	8.25	225	107217	39.363	ng		98
35) Caprolactam	8.57	113	49564m	43.068	ng		
36) 4-Chloro-3-methylphenol	8.69	107	165538	40.304	ng		99
37) 2-Methylnaphthalene	8.83	142	400297	42.830	ng		99
38) 1-Methylnaphthalene	8.93	142	373381	42.550	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	165508	39.478	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	37783	41.086	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	107652	41.554	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	113772	42.439	ng		97
46) 1,1'-Biphenyl	9.30	154	459039	41.174	ng		100
47) 2-Chloronaphthalene	9.32	162	348019	39.440	ng		99
48) 2-Nitroaniline	9.43	65	98499	38.629	ng		99
49) Acenaphthylene	9.74	152	562850	42.852	ng		100
50) Dimethylphthalate	9.60	163	463841	44.292	ng		100
51) 2,6-Dinitrotoluene	9.67	165	92790	41.144	ng		94
52) Acenaphthene	9.91	154	358967	44.754	ng		99
53) 3-Nitroaniline	9.84	138	46463	17.588	ng	#	92
54) 2,4-Dinitrophenol	9.96	184	24450	28.209	ng		94
55) Dibenzofuran	10.09	168	540821	44.892	ng		99
56) 4-Nitrophenol	10.02	139	122034	95.140	ng		93
57) 2,4-Dinitrotoluene	10.08	165	127341	42.170	ng		98
58) Fluorene	10.43	166	474459	48.997	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	95434	42.095	ng	#	99
60) Diethylphthalate	10.30	149	468807	43.976	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	217580	44.970	ng		98
62) 4-Nitroaniline	10.46	138	92330	35.695	ng		98
63) Azobenzene	10.58	77	406878	44.912	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	27718	22.095	ng		97
66) n-Nitrosodiphenylamine	10.54	169	381527	49.370	ng		100
67) 4-Bromophenyl-phenylether	10.91	248	127651	45.926	ng		98
68) Hexachlorobenzene	10.99	284	150514	45.346	ng		97
69) Atrazine	11.07	200	110696	48.206	ng		99
70) Pentachlorophenol	11.19	266	104860	95.614	ng		98
71) Phenanthrene	11.40	178	800129	60.190	ng		100
72) Anthracene	11.45	178	602705	45.574	ng		99
73) Carbazole	11.61	167	481794	42.056	ng		100
74) Di-n-butylphthalate	11.93	149	663458	43.410	ng		99
75) Fluoranthene	12.60	202	744244	55.082	ng		96
77) Benzidine	12.72	184	212862	52.669	ng		97
78) Pyrene	12.83	202	715746	50.299	ng		99
80) Butylbenzylphthalate	13.43	149	235815	36.185	ng		100
81) Benzo(a)anthracene	14.02	228	590852	48.807	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	153253	38.929	ng		99
83) Chrysene	14.06	228	564703	48.003	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	327942	37.062	ng		99
85) Di-n-octyl phthalate	14.61	149	538498	42.429	ng	#	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	483020	51.000	ng		99
88) Benzo(b)fluoranthene	15.09	252	620483	39.146	ng		99
89) Benzo(k)fluoranthene	15.11	252	519595	34.344	ng		98
90) Benzo(a)pyrene	15.46	252	577779	44.482	ng		98
91) Dibenzo(a,h)anthracene	17.03	278	389721	31.998	ng		99
92) Benzo(g,h,i)perylene	17.47	276	405704	35.155	ng		98

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

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