Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117562.D
Acq On : 28 Oct 2019 15:37
Operator : JU
Sample : K5543-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-1MSD

Manual Integrations APPROVED
mohammad
10/30/2019 4:51:10 PM

Quant Time: Oct 29 15:36:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	40314	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	167051	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	82482	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	135507	20.00	ng		0.00
76) Chrysene-d12	13.89	240	77998	20.00	ng		0.00
87) Perylene-d12	15.33	264	75701	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	270954	99.99	ng		0.00
7) Phenol-d6	6.39	99	373247	102.55	ng		0.00
23) Nitrobenzene-d5	7.30	82	230730	68.19	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	70564	98.87	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	396944	67.81	ng		-0.01
79) Terphenyl-d14	12.83	244	382561	80.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	45759	40.164	ng		97
3) Pyridine	3.16	79	112136	40.206	ng		97
4) n-Nitrosodimethylamine	3.12	42	47866	47.307	ng	#	97
6) Aniline	6.39	93	151195	35.385	ng	#	63
8) 2-Chlorophenol	6.52	128	136274	47.658	ng		97
9) Benzaldehyde	6.28	77	79623	47.009	ng		96
10) Phenol	6.40	94	180276	48.530	ng		85
11) bis(2-Chloroethyl)ether	6.46	93	124908	45.460	ng		98
12) 1,3-Dichlorobenzene	6.67	146	137767	43.175	ng		97
13) 1,4-Dichlorobenzene	6.75	146	141356	43.668	ng		97
14) 1,2-Dichlorobenzene	6.90	146	134839	44.191	ng		97
15) Benzyl Alcohol	6.88	79	121260	46.633	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	126467	42.667	ng	#	33
17) 2-Methylphenol	7.00	107	109524	46.561	ng	#	90
18) Hexachloroethane	7.23	117	52366	41.446	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	100316	45.131	ng		97
20) 3+4-Methylphenols	7.16	107	144140	46.737	ng	#	64
22) Acetophenone	7.15	105	196855	44.378	ng	#	93
24) Nitrobenzene	7.32	77	151150	46.637	ng		99
25) Isophorone	7.55	82	269473	46.035	ng		97
26) 2-Nitrophenol	7.63	139	70223	48.581	ng		98
27) 2,4-Dimethylphenol	7.68	122	118771	54.980	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	158910	43.994	ng		99
29) 2,4-Dichlorophenol	7.89	162	106422	46.968	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	107774	44.323	ng		99
31) Naphthalene	8.03	128	388949	46.974	ng		98
32) Benzoic acid	7.84	122	55165	37.283	ng		97
33) 4-Chloroaniline	8.09	127	88098	25.210	ng		97
34) Hexachlorobutadiene	8.15	225	58914	41.861	ng		97
35) Caprolactam	8.47	113	33997m	46.707	ng		
36) 4-Chloro-3-methylphenol	8.59	107	123042	47.615	ng		95
37) 2-Methylnaphthalene	8.72	142	259222	46.461	ng		100
38) 1-Methylnaphthalene	8.82	142	243888	46.519	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	98748	44.450	ng		99

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Quant Time: Oct 29 15:36:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	29773	57.727	ng		93
43) 2,4,6-Trichlorophenol	9.01	196	63229	45.449	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	66697	47.312	ng		94
46) 1,1'-Biphenyl	9.19	154	298489	43.713	ng		99
47) 2-Chloronaphthalene	9.21	162	236475	45.931	ng		100
48) 2-Nitroaniline	9.32	65	78157	46.243	ng		90
49) Acenaphthylene	9.62	152	372188	49.216	ng		99
50) Dimethylphthalate	9.49	163	304179	51.730	ng		99
51) 2,6-Dinitrotoluene	9.56	165	58215	47.444	ng	#	81
52) Acenaphthene	9.80	154	219154	47.235	ng		97
53) 3-Nitroaniline	9.73	138	42368	28.458	ng		94
54) 2,4-Dinitrophenol	9.86	184	25634	52.160	ng		93
55) Dibenzofuran	9.97	168	323089	48.065	ng		100
56) 4-Nitrophenol	9.93	139	40476	60.143	ng		96
57) 2,4-Dinitrotoluene	9.97	165	77209	47.328	ng		91
58) Fluorene	10.31	166	264231	47.534	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	47002	42.421	ng		97
60) Diethylphthalate	10.19	149	265027	44.561	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	113842	45.647	ng		97
62) 4-Nitroaniline	10.35	138	59587	42.463	ng		97
63) Azobenzene	10.46	77	291639	47.901	ng		100
65) 4,6-Dinitro-2-methylphenol	10.39	198	26534	38.514	ng		96
66) n-Nitrosodiphenylamine	10.42	169	227378	45.899	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	62605	42.893	ng		99
68) Hexachlorobenzene	10.87	284	66917	42.810	ng		92
69) Atrazine	10.96	200	67149	53.277	ng		99
70) Pentachlorophenol	11.07	266	33492	71.473	ng		99
71) Phenanthrene	11.27	178	364026	46.264	ng		99
72) Anthracene	11.33	178	386704	47.898	ng		99
73) Carbazole	11.49	167	348373	47.217	ng		99
74) Di-n-butylphthalate	11.80	149	430654	43.684	ng		99
75) Fluoranthene	12.46	202	360563	45.775	ng		100
78) Pyrene	12.69	202	362997	54.182	ng		99
80) Butylbenzylphthalate	13.30	149	170701	51.202	ng		98
81) Benzo(a)anthracene	13.88	228	246122	46.780	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	59181	35.847	ng	#	95
83) Chrysene	13.92	228	240122	46.568	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	238053	50.974	ng	#	96
85) Di-n-octyl phthalate	14.47	149	356705	49.678	ng		100
86) Indeno(1,2,3-cd)pyrene	16.75	276	226928	58.945	ng		98
88) Benzo(b)fluoranthene	14.92	252	197917	44.274	ng		96
89) Benzo(k)fluoranthene	14.94	252	193501	42.233	ng		98
90) Benzo(a)pyrene	15.27	252	182983	45.021	ng		98
91) Dibenzo(a,h)anthracene	16.74	278	194143	55.243	ng		98
92) Benzo(g,h,i)perylene	17.17	276	194490	58.490	ng		97

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

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