Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016505.D
Acq On : 22 Aug 2018 04:07
Operator : SJ/JU
Sample : PB112247BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 22 04:52:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : PB112247BS

Manual Integrations APPROVED
Sohil
8/22/2018 6:07:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	164366	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	595770	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	518382	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	1751877	20.00	ng		0.00
75) Chrysene-d12	21.54	240	2931670	20.00	ng		0.00
86) Perylene-d12	23.83	264	3077320	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1491876	177.86	ng		0.00
7) Phenol-d6	7.20	99	1953042	175.96	ng		0.00
23) Nitrobenzene-d5	9.21	82	1602254	122.79	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	3779025	260.78	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	7349529	136.28	ng		0.00
78) Terphenyl-d14	19.99	244	14035756	101.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	149350	32.230	ng	#	100
3) Pyridine	3.80	79	338816	35.143	ng	#	81
4) n-Nitrosodimethylamine	3.73	42	212590	49.496	ng	#	72
6) Aniline	7.36	93	483934	38.963	ng	#	89
8) 2-Chlorophenol	7.59	128	513925	51.492	ng		95
9) Benzaldehyde	7.17	77	227009	29.471	ng	#	79
10) Phenol	7.23	94	549730	50.082	ng		90
11) bis(2-Chloroethyl)ether	7.45	93	349752	42.491	ng		99
12) 1,3-Dichlorobenzene	7.90	146	583585	44.102	ng	#	89
13) 1,4-Dichlorobenzene	8.05	146	587354	43.251	ng		99
14) 1,2-Dichlorobenzene	8.37	146	610029	45.723	ng		97
15) Benzyl Alcohol	8.28	79	470687	45.665	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.54	45	214407	37.829	ng	#	41
17) 2-Methylphenol	8.47	107	387510	48.751	ng	#	76
18) Hexachloroethane	9.08	117	271071	43.328	ng	#	40
19) n-Nitroso-di-n-propylamine	8.84	70	388193	44.609	ng	#	86
20) 3+4-Methylphenols	8.82	107	538435	48.992	ng	#	81
22) Acetophenone	8.86	105	767918	53.528	ng	#	97
24) Nitrobenzene	9.25	77	655344	50.267	ng		90
25) Isophorone	9.77	82	1066031	61.129	ng	#	96
26) 2-Nitrophenol	9.96	139	302584	54.290	ng	#	54
27) 2,4-Dimethylphenol	10.01	122	477010	65.674	ng	#	80
28) bis(2-Chloroethoxy)methane	10.25	93	568353	54.597	ng	#	94
29) 2,4-Dichlorophenol	10.49	162	761908	70.089	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	1096898	66.499	ng	#	94
31) Naphthalene	10.87	128	1594236	56.165	ng		98
32) Benzoic acid	10.25	122	336127	55.310	ng	#	74
33) 4-Chloroaniline	11.01	127	333045	27.880	ng	#	89
34) Hexachlorobutadiene	11.13	225	960275	60.994	ng		95
35) Caprolactam	11.85	113	148474m	56.920	ng		
36) 4-Chloro-3-methylphenol	12.14	107	600907	57.499	ng		99
37) 2-Methylnaphthalene	12.49	142	1473799	66.324	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1662663	56.791	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	1940701	121.579	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	1062411	60.684	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	1089221m	63.692	ng		
45) 1,1'-Biphenyl	13.49	154	2271244	49.968	ng		99
46) 2-Chloronaphthalene	13.55	162	1901974	51.504	ng		97
47) 2-Nitroaniline	13.77	65	425484	43.257	ng		92
48) Acenaphthylene	14.39	152	2931125	56.230	ng		100
49) Dimethylphthalate	14.13	163	2797325	56.168	ng	#	98
50) 2,6-Dinitrotoluene	14.27	165	563965	58.057	ng		94
51) Acenaphthene	14.73	154	1721684	53.761	ng		99
52) 3-Nitroaniline	14.61	138	257828	29.170	ng		92
53) 2,4-Dinitrophenol	14.83	184	784894	161.460	ng	#	69
54) Dibenzofuran	15.06	168	3717261	60.635	ng		98
55) 4-Nitrophenol	14.92	139	616588	109.373	ng	#	80
56) 2,4-Dinitrotoluene	15.06	165	968862	59.813	ng	#	90
57) Fluorene	15.71	166	2979305	64.332	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	1071638	65.198	ng	#	100
59) Diethylphthalate	15.48	149	2724022	52.458	ng	#	93
60) 4-Chlorophenyl-phenylether	15.70	204	2279957	58.705	ng	#	85
61) 4-Nitroaniline	15.78	138	399739	46.276	ng	#	1
62) Azobenzene	15.99	77	2684395	48.534	ng		87
64) 4,6-Dinitro-2-methylphenol	15.83	198	665961	50.030	ng	#	55
65) n-Nitrosodiphenylamine	15.92	169	2574859	52.245	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	1443778	53.636	ng		99
67) Hexachlorobenzene	16.71	284	1707599	54.397	ng		97
68) Atrazine	16.87	200	1508348	67.062	ng		91
69) Pentachlorophenol	17.06	266	1758498	105.873	ng		99
70) Phenanthrene	17.44	178	5465572	60.362	ng		99
71) Anthracene	17.54	178	5659812	62.948	ng		99
72) Carbazole	17.82	167	4249230	52.588	ng		97
73) Di-n-butylphthalate	18.34	149	5114898	51.922	ng	#	98
74) Fluoranthene	19.44	202	8561632	64.489	ng		94
76) Benzidine	19.64	184	4887438	86.689	ng		99
77) Pyrene	19.80	202	8808407	55.286	ng		99
79) Butylbenzylphthalate	20.67	149	2790891	50.748	ng	#	90
80) Benzo(a)anthracene	21.53	228	9966057	57.822	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	2386981	31.112	ng	#	95
82) Chrysene	21.59	228	9232913	56.144	ng		99
83) Bis(2-ethylhexyl)phthalate	21.42	149	4332639	52.995	ng	#	97
84) Di-n-octyl phthalate	22.31	149	7727839	56.879	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.17	276	13407162	56.690	ng	#	92
87) Benzo(b)fluoranthene	23.15	252	11088460	62.508	ng	#	91
88) Benzo(k)fluoranthene	23.19	252	10866260	60.203	ng	#	92
89) Benzo(a)pyrene	23.74	252	10563823	61.202	ng	#	95
90) Dibenzo(a,h)anthracene	26.17	278	11540256	59.658	ng	#	88
91) Benzo(g,h,i)perylene	26.89	276	9736881	56.075	ng	#	81

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

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