Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\
Data File : BM016561.D
Acq On : 23 Aug 2018 20:46
Operator : SJ/JU
Sample : PB112325BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB112325BS

Manual Integrations APPROVED
Sohil
8/24/2018 8:40:53 AM

Quant Time: Aug 24 05:04:00 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	162625	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	665814	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	514580	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	1544283	20.00	ng		0.00
75) Chrysene-d12	21.54	240	1969973	20.00	ng		0.00
86) Perylene-d12	23.82	264	1737509	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	796639	95.99	ng		0.00
7) Phenol-d6	7.19	99	1018254	92.72	ng		0.00
23) Nitrobenzene-d5	9.20	82	1144029	78.45	ng		-0.01
41) 2,4,6-Tribromophenol	16.15	330	1375010	95.59	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	4662009	87.09	ng		-0.01
78) Terphenyl-d14	19.99	244	9463870	101.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	165147	36.020	ng	#	100
3) Pyridine	3.80	79	319324	33.475	ng	#	81
4) n-Nitrosodimethylamine	3.72	42	198551	46.722	ng	#	74
6) Aniline	7.35	93	431701	35.130	ng	#	84
8) 2-Chlorophenol	7.58	128	443202	44.881	ng		95
9) Benzaldehyde	7.16	77	194138	25.473	ng		86
10) Phenol	7.22	94	475551	43.787	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	322150	39.557	ng		98
12) 1,3-Dichlorobenzene	7.89	146	519332	39.666	ng	#	88
13) 1,4-Dichlorobenzene	8.05	146	528220	39.313	ng		94
14) 1,2-Dichlorobenzene	8.36	146	535411	40.560	ng		95
15) Benzyl Alcohol	8.28	79	401942	39.413	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.53	45	212213	37.843	ng	#	46
17) 2-Methylphenol	8.47	107	341584	43.433	ng	#	74
18) Hexachloroethane	9.07	117	265676	42.920	ng	#	45
19) n-Nitroso-di-n-propylamine	8.83	70	346448	40.238	ng	#	87
20) 3+4-Methylphenols	8.80	107	463423	42.618	ng	#	79
22) Acetophenone	8.86	105	666831	41.592	ng		97
24) Nitrobenzene	9.24	77	584738	40.133	ng		95
25) Isophorone	9.76	82	929232	47.679	ng	#	95
26) 2-Nitrophenol	9.95	139	262856	42.200	ng	#	50
27) 2,4-Dimethylphenol	10.00	122	401226	49.429	ng	#	72
28) bis(2-Chloroethoxy)methane	10.23	93	504714	43.383	ng		98
29) 2,4-Dichlorophenol	10.48	162	604224	49.736	ng		92
30) 1,2,4-Trichlorobenzene	10.68	180	889405	48.247	ng	#	97
31) Naphthalene	10.87	128	1364466	43.013	ng		98
32) Benzoic acid	10.23	122	245660	36.171	ng	#	76
33) 4-Chloroaniline	11.00	127	345074	25.848	ng	#	87
34) Hexachlorobutadiene	11.12	225	839883	47.735	ng		97
35) Caprolactam	11.83	113	102072m	35.015	ng		
36) 4-Chloro-3-methylphenol	12.13	107	482562	41.318	ng		90
37) 2-Methylnaphthalene	12.47	142	1210048	48.726	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1325378	45.605	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1550356	104.700	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	814046	46.841 ng		97
43) 2,4,5-Trichlorophenol	13.17	196	789784m	46.524 ng		
45) 1,1'-Biphenyl	13.49	154	1733974	38.429 ng		97
46) 2-Chloronaphthalene	13.53	162	1457856	39.769 ng		99
47) 2-Nitroaniline	13.77	65	344069	35.239 ng		89
48) Acenaphthylene	14.38	152	2165119	41.842 ng		98
49) Dimethylphthalate	14.12	163	2038571	41.235 ng	#	98
50) 2,6-Dinitrotoluene	14.26	165	396302	41.099 ng	#	87
51) Acenaphthene	14.72	154	1290029	40.580 ng		98
52) 3-Nitroaniline	14.60	138	215781	24.594 ng	#	74
53) 2,4-Dinitrophenol	14.82	184	387403	80.281 ng	#	71
54) Dibenzofuran	15.06	168	2649054	43.530 ng		95
55) 4-Nitrophenol	14.91	139	393175	70.258 ng	#	80
56) 2,4-Dinitrotoluene	15.06	165	666657	41.461 ng	#	92
57) Fluorene	15.70	166	2120204	46.119 ng		100
58) 2,3,4,6-Tetrachlorophenol	15.29	232	769997	47.192 ng	#	100
59) Diethylphthalate	15.47	149	1947343	37.778 ng		94
60) 4-Chlorophenyl-phenylether	15.69	204	1702182	44.152 ng	#	85
61) 4-Nitroaniline	15.77	138	272194	31.743 ng	#	1
62) Azobenzene	15.99	77	2124887	38.702 ng		88
64) 4,6-Dinitro-2-methylphenol	15.82	198	402398	34.294 ng	#	57
65) n-Nitrosodiphenylamine	15.91	169	1773349	40.819 ng		98
66) 4-Bromophenyl-phenylether	16.58	248	1043727	43.986 ng		97
67) Hexachlorobenzene	16.70	284	1167496	42.191 ng		95
68) Atrazine	16.86	200	967573	48.802 ng		92
69) Pentachlorophenol	17.05	266	1034083	70.628 ng		99
70) Phenanthrene	17.44	178	3525822	44.174 ng		100
71) Anthracene	17.53	178	3605954	45.496 ng		99
72) Carbazole	17.80	167	2542154	35.690 ng		100
73) Di-n-butylphthalate	18.33	149	3220755	37.090 ng	#	97
74) Fluoranthene	19.44	202	4988543	42.626 ng		94
76) Benzidine	19.63	184	1374710	36.287 ng		98
77) Pyrene	19.80	202	5045012	47.123 ng		99
79) Butylbenzylphthalate	20.66	149	1469182	39.756 ng	#	79
80) Benzo(a)anthracene	21.52	228	5161638	44.567 ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	1448711	28.101 ng	#	95
82) Chrysene	21.57	228	4635317	41.946 ng		99
83) Bis(2-ethylhexyl)phthalate	21.42	149	2092077	38.081 ng	#	96
84) Di-n-octyl phthalate	22.30	149	3340992	36.595 ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.14	276	5675018	35.710 ng	#	92
87) Benzo(b)fluoranthene	23.13	252	5203599	51.953 ng	#	90
88) Benzo(k)fluoranthene	23.18	252	4804105	47.140 ng	#	93
89) Benzo(a)pyrene	23.73	252	4745047	48.689 ng	#	94
90) Dibenzo(a,h)anthracene	26.14	278	4798526	43.934 ng	#	87
91) Benzo(g,h,i)perylene	26.85	276	4333624	44.202 ng	#	81

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

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