Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
Data File : BM016650.D
Acq On : 04 Sep 2018 17:30
Operator : SJ/JU
Sample : PB112568BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Manual Integrations APPROVED
Sohil
9/5/2018 3:29:36 PM

Quant Time: Sep 05 07:00:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	68407	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	241739	20.00	ng		-0.01
38) Acenaphthene-d10	14.64	164	151849	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	433080	20.00	ng		0.00
75) Chrysene-d12	21.53	240	548847	20.00	ng		0.00
86) Perylene-d12	23.81	264	625058	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	356851	102.22	ng		0.00
7) Phenol-d6	7.17	99	416087	90.07	ng		0.00
23) Nitrobenzene-d5	9.18	82	385573	72.83	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	388140	91.44	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	1126824	71.33	ng		-0.01
78) Terphenyl-d14	19.97	244	2048509	79.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	88725	46.006	ng	#	100
3) Pyridine	3.80	79	147959	36.874	ng	#	75
4) n-Nitrosodimethylamine	3.72	42	101194	56.610	ng	#	57
6) Aniline	7.33	93	148187	28.667	ng	#	82
8) 2-Chlorophenol	7.56	128	163652	39.398	ng		95
9) Benzaldehyde	7.16	77	106644	33.265	ng	#	73
10) Phenol	7.20	94	172078	37.667	ng		88
11) bis(2-Chloroethyl)ether	7.43	93	125445	36.619	ng		86
12) 1,3-Dichlorobenzene	7.87	146	208139	37.793	ng	#	82
13) 1,4-Dichlorobenzene	8.03	146	210420	37.230	ng	#	90
14) 1,2-Dichlorobenzene	8.35	146	210934	37.988	ng		98
15) Benzyl Alcohol	8.26	79	159016	37.068	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.51	45	88621	37.570	ng	#	34
17) 2-Methylphenol	8.46	107	121684	36.783	ng	#	70
18) Hexachloroethane	9.05	117	127783	49.076	ng	#	56
19) n-Nitroso-di-n-propylamine	8.81	70	128300	35.425	ng	#	86
20) 3+4-Methylphenols	8.79	107	160976	35.193	ng	#	75
22) Acetophenone	8.84	105	248478	42.686	ng	#	98
24) Nitrobenzene	9.23	77	229274	43.341	ng		90
25) Isophorone	9.74	82	339347	47.957	ng	#	93
26) 2-Nitrophenol	9.93	139	88625	39.189	ng	#	45
27) 2,4-Dimethylphenol	9.99	122	130901	44.416	ng	#	70
28) bis(2-Chloroethoxy)methane	10.22	93	173220	41.009	ng		99
29) 2,4-Dichlorophenol	10.47	162	185432	42.040	ng		94
30) 1,2,4-Trichlorobenzene	10.66	180	324673	48.510	ng	#	94
31) Naphthalene	10.85	128	506068	43.939	ng		98
32) Benzoic acid	10.17	122	56627m	22.964	ng		
33) 4-Chloroaniline	10.99	127	106329	21.937	ng	#	84
34) Hexachlorobutadiene	11.10	225	374177	58.574	ng		97
35) Caprolactam	11.81	113	28132	26.580	ng	#	63
36) 4-Chloro-3-methylphenol	12.12	107	151910	35.824	ng		85
37) 2-Methylnaphthalene	12.46	142	394921	43.800	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	496050	57.842	ng	#	100
40) Hexachlorocyclopentadiene	12.77	237	653281	133.590	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	251717	49.083	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	234120	46.735	ng	#	96
45) 1,1'-Biphenyl	13.47	154	525164	39.442	ng		92
46) 2-Chloronaphthalene	13.52	162	438070	40.497	ng		94
47) 2-Nitroaniline	13.76	65	105909	36.758	ng	#	82
48) Acenaphthylene	14.36	152	617134	40.416	ng	#	94
49) Dimethylphthalate	14.10	163	558920	38.312	ng	#	96
50) 2,6-Dinitrotoluene	14.24	165	114252	40.152	ng	#	66
51) Acenaphthene	14.70	154	369755	39.416	ng		99
52) 3-Nitroaniline	14.59	138	56859	21.961	ng	#	66
53) 2,4-Dinitrophenol	14.82	184	107053	75.178	ng	#	72
54) Dibenzofuran	15.04	168	700801	39.024	ng	#	87
55) 4-Nitrophenol	14.91	139	93817	56.811	ng	#	82
56) 2,4-Dinitrotoluene	15.05	165	158027	33.305	ng	#	97
57) Fluorene	15.69	166	534381	39.391	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	232292	48.245	ng	#	100
59) Diethylphthalate	15.45	149	542159	35.642	ng		96
60) 4-Chlorophenyl-phenylether	15.67	204	513571	45.142	ng	#	84
61) 4-Nitroaniline	15.76	138	70320	27.790	ng	#	1
62) Azobenzene	15.97	77	704251	43.468	ng		91
64) 4,6-Dinitro-2-methylphenol	15.82	198	110696	33.640	ng	#	64
65) n-Nitrosodiphenylamine	15.90	169	460308	37.781	ng		91
66) 4-Bromophenyl-phenylether	16.56	248	318777	47.905	ng		98
67) Hexachlorobenzene	16.69	284	340135	43.830	ng	#	92
68) Atrazine	16.84	200	269813	48.526	ng		90
69) Pentachlorophenol	17.04	266	273351	66.573	ng		99
70) Phenanthrene	17.42	178	890052	39.763	ng		99
71) Anthracene	17.52	178	907420	40.825	ng		100
72) Carbazole	17.80	167	603457	30.210	ng		99
73) Di-n-butylphthalate	18.32	149	824870	33.872	ng	#	95
74) Fluoranthene	19.43	202	1284482	39.137	ng		94
76) Benzidine	19.62	184	473500	44.861	ng		97
77) Pyrene	19.79	202	1311477	43.968	ng		97
79) Butylbenzylphthalate	20.65	149	377825	36.697	ng	#	68
80) Benzo(a)anthracene	21.51	228	1413447	43.804	ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	391982	27.291	ng	#	92
82) Chrysene	21.56	228	1299657	42.214	ng		99
83) Bis(2-ethylhexyl)phthalate	21.40	149	527683	34.476	ng	#	95
84) Di-n-octyl phthalate	22.28	149	892514	35.089	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.11	276	2226193	50.280	ng	#	91
87) Benzo(b)fluoranthene	23.11	252	1568532	43.532	ng	#	90
88) Benzo(k)fluoranthene	23.16	252	1509336	41.169	ng	#	93
89) Benzo(a)pyrene	23.71	252	1547290	44.134	ng	#	94
90) Dibenzo(a,h)anthracene	26.11	278	1904493	48.471	ng	#	87
91) Benzo(g,h,i)perylene	26.82	276	1762203	49.964	ng	#	80

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

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