Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
Data File : BM017948.D
Acq On : 05 Dec 2018 23:03
Operator : JU/SJ
Sample : J6184-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RO-331MSD

Manual Integrations APPROVED
mohammad
12/6/2018 12:20:28 PM

Quant Time: Dec 06 06:02:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	145299	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	547836	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	279939	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	589295	20.00	ng	-0.04
76) Chrysene-d12	21.18	240	647405	20.00	ng	-0.04
87) Perylene-d12	23.36	264	614060	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	789661	91.72	ng	-0.04
7) Phenol-d6	6.76	99	924353	76.87	ng	-0.05
23) Nitrobenzene-d5	8.72	82	703128	66.26	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	426580	106.05	ng	-0.05
45) 2-Fluorobiphenyl	12.82	172	1524012	70.63	ng	-0.05
79) Terphenyl-d14	19.62	244	2118419	74.16	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	116790	32.571	ng	# 23
3) Pyridine	3.59	79	267817	25.463	ng	# 83
4) n-Nitrosodimethylamine	3.50	42	136156	29.387	ng	# 77
6) Aniline	6.92	93	101976	6.839	ng	95
8) 2-Chlorophenol	7.14	128	377089	36.597	ng	93
9) Benzaldehyde	6.73	77	57016	6.509	ng	97
10) Phenol	6.79	94	358074	28.371	ng	94
11) bis(2-Chloroethyl)ether	7.01	93	338885	34.013	ng	94
12) 1,3-Dichlorobenzene	7.45	146	379783	32.853	ng	96
13) 1,4-Dichlorobenzene	7.60	146	389469	32.869	ng	100
14) 1,2-Dichlorobenzene	7.91	146	379524	33.032	ng	96
15) Benzyl Alcohol	7.82	79	286184	29.885	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.10	45	381861	25.172	ng	90
17) 2-Methylphenol	8.02	107	286738	33.724	ng	97
18) Hexachloroethane	8.62	117	138819	33.241	ng	96
19) n-Nitroso-di-n-propylamine	8.37	70	265426	30.742	ng	88
20) 3+4-Methylphenols	8.35	107	368605	31.203	ng	96
22) Acetophenone	8.39	105	536013	39.202	ng	# 93
24) Nitrobenzene	8.76	77	393339	36.533	ng	98
25) Isophorone	9.28	82	701359	42.791	ng	99
26) 2-Nitrophenol	9.46	139	198619	40.050	ng	94
27) 2,4-Dimethylphenol	9.53	122	323146	45.212	ng	97
28) bis(2-Chloroethoxy)methane	9.76	93	431107	38.836	ng	98
29) 2,4-Dichlorophenol	9.99	162	320121	38.584	ng	97
30) 1,2,4-Trichlorobenzene	10.20	180	348559	36.121	ng	97
31) Naphthalene	10.38	128	1076775	39.976	ng	99
32) Benzoic acid	9.69	122	200635m	30.989	ng	
33) 4-Chloroaniline	10.52	127	65839	5.581	ng	99
34) Hexachlorobutadiene	10.66	225	211160	35.248	ng	96
35) Caprolactam	11.31	113	75152m	24.596	ng	
36) 4-Chloro-3-methylphenol	11.65	107	340530	35.549	ng	98
37) 2-Methylnaphthalene	12.00	142	777831	40.859	ng	99
38) 1-Methylnaphthalene	12.23	142	738854	39.583	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	393689	39.882	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	488846	95.836	ng		99
43) 2,4,6-Trichlorophenol	12.63	196	257082	41.578	ng		97
44) 2,4,5-Trichlorophenol	12.71	196	271753	41.625	ng		97
46) 1,1'-Biphenyl	13.04	154	963034	38.326	ng		99
47) 2-Chloronaphthalene	13.07	162	744295	39.907	ng		99
48) 2-Nitroaniline	13.30	65	205287	35.591	ng		91
49) Acenaphthylene	13.93	152	1206382	43.051	ng		99
50) Dimethylphthalate	13.69	163	900393	39.560	ng		99
51) 2,6-Dinitrotoluene	13.81	165	202188	39.894	ng		91
52) Acenaphthene	14.28	154	694677	40.395	ng		99
53) 3-Nitroaniline	14.15	138	84765	15.362	ng	#	96
54) 2,4-Dinitrophenol	14.36	184	252017	81.320	ng		95
55) Dibenzofuran	14.62	168	1109228	39.469	ng		98
56) 4-Nitrophenol	14.47	139	288876	63.381	ng		93
57) 2,4-Dinitrotoluene	14.61	165	277023	40.550	ng		97
58) Fluorene	15.27	166	889406	41.339	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	242258	40.344	ng		99
60) Diethylphthalate	15.06	149	905428	36.818	ng		99
61) 4-Chlorophenyl-phenylether	15.27	204	447261	36.590	ng		99
62) 4-Nitroaniline	15.32	138	143281	27.552	ng		96
63) Azobenzene	15.56	77	823722	36.234	ng		96
65) 4,6-Dinitro-2-methylphenol	15.37	198	161304	39.513	ng		94
66) n-Nitrosodiphenylamine	15.49	169	677180	35.742	ng		98
67) 4-Bromophenyl-phenylether	16.17	248	275645	39.550	ng		98
68) Hexachlorobenzene	16.27	284	307246	39.105	ng		99
69) Atrazine	16.46	200	156920	22.518	ng		98
70) Pentachlorophenol	16.63	266	386386	70.186	ng		100
71) Phenanthrene	17.02	178	1374523	42.985	ng		100
72) Anthracene	17.10	178	1394519	44.817	ng		100
73) Carbazole	17.39	167	1024502	32.584	ng		99
74) Di-n-butylphthalate	17.95	149	1539253	43.977	ng		99
75) Fluoranthene	19.04	202	1576912	43.585	ng		100
77) Benzidine	19.26	184	41273m	1.958	ng		
78) Pyrene	19.41	202	1604052	40.156	ng		99
80) Butylbenzylphthalate	20.33	149	713724	43.991	ng		95
81) Benzo(a)anthracene	21.17	228	1628973	43.674	ng		98
82) 3,3'-Dichlorobenzidine	21.11	252	139998	9.725	ng		98
83) Chrysene	21.22	228	1534429	42.357	ng		100
84) Bis(2-ethylhexyl)phthalate	21.10	149	1026083	42.781	ng		100
85) Di-n-octyl phthalate	21.97	149	1805683	47.016	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.53	276	1896851	65.525	ng		100
88) Benzo(b)fluoranthene	22.71	252	1655962	46.048	ng		99
89) Benzo(k)fluoranthene	22.76	252	1604782	44.151	ng		99
90) Benzo(a)pyrene	23.27	252	1563962	47.697	ng		100
91) Dibenzo(a,h)anthracene	25.54	278	1655223	60.045	ng		99
92) Benzo(g,h,i)perylene	26.19	276	1578916	60.909	ng		99

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

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