Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020741.D
Acq On : 05 Jun 2019 17:58
Operator : HP/JU
Sample : PB120321BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120321BS

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:52 AM

Quant Time: Jun 06 03:24:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	300472	20.00	ng		-0.01
21) Naphthalene-d8	10.61	136	1185869	20.00	ng		-0.02
39) Acenaphthene-d10	14.46	164	626472	20.00	ng		-0.02
64) Phenanthrene-d10	17.20	188	1187022	20.00	ng		-0.01
76) Chrysene-d12	21.38	240	957310	20.00	ng		-0.02
87) Perylene-d12	23.67	264	1112142	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	2342480	137.14	ng		-0.01
7) Phenol-d6	6.99	99	3056459	121.52	ng		0.00
23) Nitrobenzene-d5	8.99	82	1854527	81.03	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	1029940	132.69	ng		-0.01
45) 2-Fluorobiphenyl	13.08	172	4159339	88.27	ng		-0.01
79) Terphenyl-d14	19.83	244	4517310	78.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	303554	43.405	ng		95
3) Pyridine	3.74	79	864952	38.873	ng		96
4) n-Nitrosodimethylamine	3.66	42	375265	39.124	ng		92
6) Aniline	7.16	93	1108299	30.454	ng		98
8) 2-Chlorophenol	7.39	128	991645	46.666	ng		98
9) Benzaldehyde	6.97	77	289251	16.110	ng		97
10) Phenol	7.02	94	1212819	44.745	ng		98
11) bis(2-Chloroethyl)ether	7.25	93	881865	40.825	ng		98
12) 1,3-Dichlorobenzene	7.71	146	1025049	41.972	ng		99
13) 1,4-Dichlorobenzene	7.86	146	1051423	42.349	ng		99
14) 1,2-Dichlorobenzene	8.17	146	1006344	41.651	ng		99
15) Benzyl Alcohol	8.06	79	868295	39.023	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1198708	35.943	ng		98
17) 2-Methylphenol	8.26	107	800188	41.983	ng		98
18) Hexachloroethane	8.89	117	380149	39.992	ng		95
19) n-Nitroso-di-n-propylamine	8.63	70	729090	36.061	ng		97
20) 3+4-Methylphenols	8.59	107	1062024	40.954	ng		96
22) Acetophenone	8.65	105	1360990	45.178	ng	#	97
24) Nitrobenzene	9.03	77	1065332	45.594	ng		98
25) Isophorone	9.55	82	1897498	41.677	ng		99
26) 2-Nitrophenol	9.73	139	471694	54.166	ng		98
27) 2,4-Dimethylphenol	9.79	122	859050	52.645	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	1171922	42.572	ng		99
29) 2,4-Dichlorophenol	10.26	162	888386	49.208	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	981098	47.261	ng		99
31) Naphthalene	10.66	128	2822087	46.278	ng		100
32) Benzoic acid	9.93	122	462138m	45.316	ng		
33) 4-Chloroaniline	10.77	127	456284	16.078	ng		98
34) Hexachlorobutadiene	10.94	225	575057	46.168	ng		98
35) Caprolactam	11.56	113	240636m	38.367	ng		
36) 4-Chloro-3-methylphenol	11.89	107	892590	42.524	ng		99
37) 2-Methylnaphthalene	12.27	142	2035501	45.032	ng		99
38) 1-Methylnaphthalene	12.50	142	1922978	44.679	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1064075	51.830	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1356581	110.484	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	666968	50.471	ng	98
44) 2,4,5-Trichlorophenol	12.95	196	698589	51.205	ng	97
46) 1,1'-Biphenyl	13.29	154	2532002	48.394	ng	99
47) 2-Chloronaphthalene	13.33	162	1967221	46.586	ng	99
48) 2-Nitroaniline	13.54	65	535867	40.431	ng	93
49) Acenaphthylene	14.18	152	3063409	46.494	ng	100
50) Dimethylphthalate	13.92	163	2293274	42.847	ng	100
51) 2,6-Dinitrotoluene	14.04	165	494111	45.466	ng	91
52) Acenaphthene	14.52	154	1771913	45.127	ng	99
53) 3-Nitroaniline	14.37	138	298773	24.630	ng	97
54) 2,4-Dinitrophenol	14.57	184	398087	84.679	ng	90
55) Dibenzofuran	14.86	168	2765658	45.351	ng	98
56) 4-Nitrophenol	14.67	139	749596	83.858	ng	90
57) 2,4-Dinitrotoluene	14.83	165	644175	44.269	ng	92
58) Fluorene	15.51	166	2184264	43.554	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	583140	49.052	ng	97
60) Diethylphthalate	15.29	149	2227540	40.353	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1146159	43.164	ng	95
62) 4-Nitroaniline	15.53	138	452154	35.146	ng	95
63) Azobenzene	15.80	77	2089656	39.486	ng	96
65) 4,6-Dinitro-2-methylphenol	15.59	198	246991	46.148	ng	93
66) n-Nitrosodiphenylamine	15.72	169	1853082	48.766	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	672154	48.094	ng	95
68) Hexachlorobenzene	16.50	284	775648	47.528	ng	94
69) Atrazine	16.67	200	582324	51.346	ng	100
70) Pentachlorophenol	16.85	266	857403	110.127	ng	100
71) Phenanthrene	17.24	178	3065627	45.562	ng	100
72) Anthracene	17.34	178	3144591	46.695	ng	99
73) Carbazole	17.61	167	2638198	43.170	ng	100
74) Di-n-butylphthalate	18.17	149	3205257	40.404	ng	99
75) Fluoranthene	19.26	202	3184319	42.557	ng	99
77) Benzidine	19.45	184	1301308	44.861	ng	100
78) Pyrene	19.62	202	3212945	43.736	ng	100
80) Butylbenzylphthalate	20.52	149	1214319	39.114	ng	96
81) Benzo(a)anthracene	21.37	228	2922874	43.844	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	856789	35.097	ng	98
83) Chrysene	21.42	228	2909564	45.914	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1683531	37.312	ng	99
85) Di-n-octyl phthalate	22.19	149	2744412	38.311	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4127036	63.659	ng	98
88) Benzo(b)fluoranthene	22.98	252	3214871	43.736	ng	99
89) Benzo(k)fluoranthene	23.03	252	3107183	43.255	ng	99
90) Benzo(a)pyrene	23.57	252	3176356	47.640	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3468604	53.623	ng	98
92) Benzo(g,h,i)perylene	26.70	276	3379393	56.246	ng	98

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

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