Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012720\
Data File : BM024626.D
Acq On : 27 Jan 2020 14:03
Operator : CG/JU
Sample : PB126361BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB126361BS

Manual Integrations APPROVED
mohammad
1/28/2020 1:14:51 PM

Quant Time: Jan 28 05:42:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	293531	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1074588	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	701478	20.00	ng	0.00
64) Phenanthrene-d10	16.85	188	1417212	20.00	ng	0.00
76) Chrysene-d12	21.05	240	995541	20.00	ng	0.00
87) Perylene-d12	23.16	264	939474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2081109	134.83	ng	0.00
7) Phenol-d6	6.65	99	2511490	118.12	ng	0.00
23) Nitrobenzene-d5	8.59	82	1417379	64.69	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1341463	117.56	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3868945	74.98	ng	0.00
79) Terphenyl-d14	19.50	244	4869445	91.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	278348	45.589	ng	93
3) Pyridine	3.45	79	585864	33.101	ng	96
4) n-Nitrosodimethylamine	3.37	42	272848	34.730	ng	85
6) Aniline	6.79	93	928618	35.876	ng	97
8) 2-Chlorophenol	7.02	128	782298	44.523	ng	92
9) Benzaldehyde	6.60	77	356032	28.339	ng	92
10) Phenol	6.68	94	881853	41.607	ng	95
11) bis(2-Chloroethyl)ether	6.89	93	661072	38.961	ng	94
12) 1,3-Dichlorobenzene	7.34	146	902668	41.818	ng	96
13) 1,4-Dichlorobenzene	7.48	146	918394	41.939	ng	98
14) 1,2-Dichlorobenzene	7.79	146	866872	41.011	ng	97
15) Benzyl Alcohol	7.69	79	643549	36.710	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.98	45	486931	31.348	ng	98
17) 2-Methylphenol	7.90	107	618455	41.408	ng	96
18) Hexachloroethane	8.51	117	324410	38.364	ng	94
19) n-Nitroso-di-n-propylamine	8.26	70	508815	31.872	ng	95
20) 3+4-Methylphenols	8.23	107	820967	39.708	ng	97
22) Acetophenone	8.26	105	1051700	37.956	ng	97
24) Nitrobenzene	8.63	77	810250	38.587	ng	96
25) Isophorone	9.16	82	1386792	37.248	ng	96
26) 2-Nitrophenol	9.33	139	435689	44.810	ng	94
27) 2,4-Dimethylphenol	9.41	122	688675	52.122	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	874301	38.441	ng	98
29) 2,4-Dichlorophenol	9.86	162	835711	46.816	ng	97
30) 1,2,4-Trichlorobenzene	10.08	180	949883	44.121	ng	99
31) Naphthalene	10.25	128	2291047	42.212	ng	100
32) Benzoic acid	9.58	122	468887m	38.794	ng	
33) 4-Chloroaniline	10.37	127	450462	18.935	ng	97
34) Hexachlorobutadiene	10.56	225	641487	43.103	ng	99
35) Caprolactam	11.15	113	201043m	35.104	ng	
36) 4-Chloro-3-methylphenol	11.51	107	732999	38.617	ng	92
37) 2-Methylnaphthalene	11.88	142	1759238	42.002	ng	99
38) 1-Methylnaphthalene	12.10	142	1659030	41.640	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1097699	43.845	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1729700	123.260	ng		98
43) 2,4,6-Trichlorophenol	12.51	196	711368	44.651	ng		99
44) 2,4,5-Trichlorophenol	12.58	196	750027	46.097	ng		96
46) 1,1'-Biphenyl	12.92	154	2284445	43.033	ng		99
47) 2-Chloronaphthalene	12.95	162	1832159	42.751	ng		97
48) 2-Nitroaniline	13.16	65	412313	31.544	ng		86
49) Acenaphthylene	13.81	152	2789350	43.477	ng		99
50) Dimethylphthalate	13.57	163	2196109	38.716	ng		99
51) 2,6-Dinitrotoluene	13.67	165	499961	41.457	ng	#	84
52) Acenaphthene	14.16	154	1642608	41.260	ng		100
53) 3-Nitroaniline	14.00	138	352345	28.169	ng		93
54) 2,4-Dinitrophenol	14.21	184	559597	77.596	ng	#	89
55) Dibenzofuran	14.50	168	2722426	41.931	ng		97
56) 4-Nitrophenol	14.33	139	749156	76.621	ng		87
57) 2,4-Dinitrotoluene	14.47	165	656119	37.961	ng	#	88
58) Fluorene	15.15	166	2139696	39.215	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	678691	41.133	ng	#	95
60) Diethylphthalate	14.95	149	2075755	36.046	ng		99
61) 4-Chlorophenyl-phenylether	15.16	204	1238029	39.356	ng		98
62) 4-Nitroaniline	15.17	138	419861	30.410	ng		92
63) Azobenzene	15.45	77	1674585	34.091	ng		93
65) 4,6-Dinitro-2-methylphenol	15.24	198	374871	44.987	ng		87
66) n-Nitrosodiphenylamine	15.37	169	1865956	45.836	ng		100
67) 4-Bromophenyl-phenylether	16.05	248	795186	45.119	ng		97
68) Hexachlorobenzene	16.16	284	914307	45.208	ng		96
69) Atrazine	16.34	200	689339	44.114	ng		99
70) Pentachlorophenol	16.50	266	1083368	87.942	ng		99
71) Phenanthrene	16.89	178	3216806	41.916	ng		99
72) Anthracene	16.97	178	3270060	43.547	ng		100
73) Carbazole	17.25	167	2636505	38.568	ng		100
74) Di-n-butylphthalate	17.85	149	3083251	35.281	ng		99
75) Fluoranthene	18.91	202	3480522	36.337	ng		98
77) Benzidine	19.11	184	1978635	85.342	ng		100
78) Pyrene	19.27	202	3448985	52.552	ng		99
80) Butylbenzylphthalate	20.22	149	1067128	38.750	ng		92
81) Benzo(a)anthracene	21.04	228	2887278	41.786	ng		100
82) 3,3'-Dichlorobenzidine	20.98	252	811732	32.658	ng		100
83) Chrysene	21.09	228	2792972	42.361	ng		100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1469877	36.173	ng		98
85) Di-n-octyl phthalate	21.86	149	2214494	32.987	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.24	276	2825989	39.325	ng		99
88) Benzo(b)fluoranthene	22.54	252	2679941	43.982	ng		99
89) Benzo(k)fluoranthene	22.59	252	2478025	41.665	ng		100
90) Benzo(a)pyrene	23.07	252	2286040	41.266	ng		100
91) Dibenzo(a,h)anthracene	25.25	278	2399018	45.626	ng		98
92) Benzo(g,h,i)perylene	25.86	276	2395817	50.181	ng		99

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

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