Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
Data File : BM027441.D
Acq On : 16 Sep 2020 14:09
Operator : JU/CG
Sample : PB131588BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB131588BSD

Manual Integrations APPROVED
mohammad
9/18/2020 11:29:12 AM

Quant Time: Sep 16 14:42:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 13:41:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	121080	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	432725	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	294323	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	682861	20.00	ng		0.00
76) Chrysene-d12	21.15	240	765048	20.00	ng		0.00
86) Perylene-d12	23.31	264	741636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	734727	101.03	ng		0.00
7) Phenol-d6	6.75	99	920515	93.79	ng		0.00
23) Nitrobenzene-d5	8.70	82	723852	71.46	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	490571	95.06	ng		0.00
45) 2-Fluorobiphenyl	12.81	172	1529885	69.13	ng		0.00
79) Terphenyl-d14	19.59	244	2784631	63.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	181826	58.637	ng		99
3) Pyridine	3.53	79	253990	28.197	ng		98
4) n-Nitrosodimethylamine	3.45	42	126304	35.528	ng	#	100
6) Aniline	6.89	93	376386	31.551	ng		98
8) 2-Chlorophenol	7.13	128	286954	38.759	ng		97
9) Benzaldehyde	6.70	77	225347	29.186	ng		97
10) Phenol	6.78	94	372302	39.478	ng		96
11) bis(2-Chloroethyl)ether	6.99	93	290029	36.545	ng		98
12) 1,3-Dichlorobenzene	7.45	146	333598	36.200	ng		100
13) 1,4-Dichlorobenzene	7.59	146	340220	36.717	ng		99
14) 1,2-Dichlorobenzene	7.90	146	323700	36.356	ng		100
15) Benzyl Alcohol	7.80	79	302268	35.838	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.08	45	214080	35.620	ng		98
17) 2-Methylphenol	8.00	107	242362	37.846	ng		99
18) Hexachloroethane	8.62	117	132955	35.806	ng		97
19) n-Nitroso-di-n-propylamine	8.36	70	263930	33.770	ng		98
20) 3+4-Methylphenols	8.33	107	325536	37.259	ng		97
22) Acetophenone	8.37	105	449112	36.866	ng	#	97
24) Nitrobenzene	8.74	77	396970	37.646	ng		99
25) Isophorone	9.27	82	641727	36.013	ng		98
26) 2-Nitrophenol	9.45	139	149085	38.088	ng		97
27) 2,4-Dimethylphenol	9.52	122	249335	37.298	ng		97
28) bis(2-Chloroethoxy)methane	9.75	93	371651	36.355	ng		98
29) 2,4-Dichlorophenol	9.98	162	293785	38.169	ng		98
30) 1,2,4-Trichlorobenzene	10.19	180	336641	36.631	ng		96
31) Naphthalene	10.37	128	845524	36.477	ng		99
32) Benzoic acid	9.66	122	137821	31.350	ng		95
33) 4-Chloroaniline	10.49	127	269220	27.357	ng		97
34) Hexachlorobutadiene	10.67	225	222652	35.852	ng		98
35) Caprolactam	11.27	113	80789m	35.666	ng		
36) 4-Chloro-3-methylphenol	11.62	107	305399	36.930	ng		97
37) 2-Methylnaphthalene	11.99	142	656058	36.120	ng		100
38) 1-Methylnaphthalene	12.22	142	619404	36.320	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	402461	37.982	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	546314	78.338	ng	98
43) 2,4,6-Trichlorophenol	12.62	196	257821	39.686	ng	98
44) 2,4,5-Trichlorophenol	12.69	196	276871	39.205	ng	98
46) 1,1'-Biphenyl	13.02	154	887341	38.093	ng	99
47) 2-Chloronaphthalene	13.06	162	692163	37.476	ng	99
48) 2-Nitroaniline	13.27	65	225105	39.858	ng	99
49) Acenaphthylene	13.92	152	1091808	39.021	ng	99
50) Dimethylphthalate	13.66	163	920313	38.042	ng	99
51) 2,6-Dinitrotoluene	13.77	165	199148	38.645	ng	97
52) Acenaphthene	14.26	154	656658	37.829	ng	99
53) 3-Nitroaniline	14.10	138	135202	27.725	ng	99
54) 2,4-Dinitrophenol	14.32	184	218385	64.820	ng	99
55) Dibenzofuran	14.60	168	1106541	37.685	ng	99
56) 4-Nitrophenol	14.43	139	320666	78.668	ng	95
57) 2,4-Dinitrotoluene	14.57	165	287306	40.235	ng	99
58) Fluorene	15.25	166	911709	36.991	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.83	232	271385	39.751	ng	98
60) Diethylphthalate	15.04	149	941870	37.853	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	505564	37.339	ng	100
62) 4-Nitroaniline	15.27	138	184461	34.549	ng	97
63) Azobenzene	15.55	77	991748	38.535	ng	98
65) 4,6-Dinitro-2-methylphenol	15.34	198	155279	35.432	ng	97
66) n-Nitrosodiphenylamine	15.47	169	807605	38.233	ng	98
67) 4-Bromophenyl-phenylether	16.15	248	319843	37.937	ng	98
68) Hexachlorobenzene	16.26	284	370695	37.667	ng	99
69) Atrazine	16.43	200	274023	44.349	ng	99
70) Pentachlorophenol	16.60	266	467467	78.547	ng	98
71) Phenanthrene	16.99	178	1517625	38.220	ng	100
72) Anthracene	17.07	178	1553825	38.773	ng	99
73) Carbazole	17.35	167	1358197	38.825	ng	99
74) Di-n-butylphthalate	17.93	149	1653960	39.304	ng	100
75) Fluoranthene	19.01	202	1864231	38.703	ng	100
77) Benzidine	19.20	184	961963	40.772	ng	99
78) Pyrene	19.37	202	1938325	37.151	ng	100
80) Butylbenzylphthalate	20.30	149	768241	35.712	ng	97
81) Benzo(a)anthracene	21.13	228	1982705	38.817	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	620770	30.056	ng	99
83) Chrysene	21.19	228	1914617	38.572	ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	1151922	40.647	ng	99
85) Di-n-octyl phthalate	21.95	149	1949001	41.317	ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	2345126	46.631	ng	100
88) Benzo(b)fluoranthene	22.67	252	2031813	39.386	ng	100
89) Benzo(k)fluoranthene	22.72	252	2036821	40.840	ng	99
90) Benzo(a)pyrene	23.22	252	1836360	42.089	ng	100
91) Dibenzo(a,h)anthracene	25.47	278	1968807	46.347	ng	99
92) Benzo(g,h,i)perylene	26.12	276	1965957	48.024	ng	99

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

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