Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026416.D
Acq On : 16 Jun 2020 17:29
Operator : JU/CG
Sample : L3020-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-22(16.5-18.5)MS

Manual Integrations APPROVED
mohammad
6/18/2020 11:52:35 AM

Quant Time: Jun 16 18:06:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 10:23:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	95517	20.00	ng		0.00
21) Naphthalene-d8	10.16	136	396878	20.00	ng		0.00
39) Acenaphthene-d10	14.05	164	245081	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	524571	20.00	ng		0.00
76) Chrysene-d12	21.02	240	571949	20.00	ng		0.00
86) Perylene-d12	23.10	264	605177	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	649014	120.13	ng		0.00
7) Phenol-d6	6.61	99	906744	115.91	ng		0.00
23) Nitrobenzene-d5	8.55	82	605390	74.90	ng		0.00
42) 2,4,6-Tribromophenol	15.56	330	350380	118.02	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	1242357	76.95	ng		0.00
79) Terphenyl-d14	19.46	244	2071678	70.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	87295	35.840	ng		97
3) Pyridine	3.40	79	243306	34.009	ng		99
4) n-Nitrosodimethylamine	3.31	42	136238	38.462	ng		90
6) Aniline	6.75	93	248429	24.211	ng		98
8) 2-Chlorophenol	6.97	128	247825	39.771	ng		100
9) Benzaldehyde	6.56	77	144000	28.868	ng		98
10) Phenol	6.63	94	340277	40.844	ng		96
11) bis(2-Chloroethyl)ether	6.85	93	240500	35.840	ng		98
12) 1,3-Dichlorobenzene	7.29	146	260027	37.690	ng		98
13) 1,4-Dichlorobenzene	7.43	146	264894	37.695	ng		98
14) 1,2-Dichlorobenzene	7.75	146	256904	37.425	ng		99
15) Benzyl Alcohol	7.65	79	234499	35.300	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.94	45	427978	34.150	ng		99
17) 2-Methylphenol	7.86	107	214557	35.236	ng		97
18) Hexachloroethane	8.45	117	102354	38.459	ng		97
19) n-Nitroso-di-n-propylamine	8.21	70	214398	35.170	ng		96
20) 3+4-Methylphenols	8.19	107	290764	35.035	ng		99
22) Acetophenone	8.22	105	372601	36.511	ng	#	96
24) Nitrobenzene	8.59	77	311169	36.774	ng		99
25) Isophorone	9.11	82	538209	35.442	ng		99
26) 2-Nitrophenol	9.29	139	131860	39.376	ng		98
27) 2,4-Dimethylphenol	9.37	122	217238	41.092	ng		98
28) bis(2-Chloroethoxy)methane	9.60	93	321953	37.369	ng		99
29) 2,4-Dichlorophenol	9.82	162	230819	39.794	ng		98
30) 1,2,4-Trichlorobenzene	10.03	180	243090	38.219	ng		99
31) Naphthalene	10.20	128	744078	37.204	ng		99
32) Benzoic acid	9.54	122	160703	38.900	ng		99
33) 4-Chloroaniline	10.33	127	114212	13.093	ng		98
34) Hexachlorobutadiene	10.50	225	149980	37.351	ng		99
35) Caprolactam	11.12	113	71260m	34.969	ng		
36) 4-Chloro-3-methylphenol	11.47	107	270924	38.332	ng		99
37) 2-Methylnaphthalene	11.83	142	540784	37.944	ng		99
38) 1-Methylnaphthalene	12.06	142	511958	37.920	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	277009	39.706	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.19	237	335256	81.546	ng	99
43) 2,4,6-Trichlorophenol	12.47	196	186288	39.451	ng	100
44) 2,4,5-Trichlorophenol	12.55	196	201222	36.712	ng	98
46) 1,1'-Biphenyl	12.87	154	675722	39.327	ng	99
47) 2-Chloronaphthalene	12.91	162	527212	37.776	ng	98
48) 2-Nitroaniline	13.13	65	204266	36.930	ng	99
49) Acenaphthylene	13.77	152	839391	37.603	ng	99
50) Dimethylphthalate	13.53	163	868169	48.431	ng	100
51) 2,6-Dinitrotoluene	13.64	165	145458	36.979	ng	98
52) Acenaphthene	14.12	154	504325	37.634	ng	99
53) 3-Nitroaniline	13.97	138	102215	23.335	ng	95
54) 2,4-Dinitrophenol	14.19	184	173962	72.767	ng	99
55) Dibenzofuran	14.46	168	806783	37.365	ng	100
56) 4-Nitrophenol	14.31	139	261122	75.174	ng	98
57) 2,4-Dinitrotoluene	14.44	165	203959	37.292	ng	96
58) Fluorene	15.11	166	660031	37.634	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.70	232	186778	39.840	ng	99
60) Diethylphthalate	14.91	149	671733	36.790	ng	99
61) 4-Chlorophenyl-phenylether	15.12	204	335716	36.089	ng	98
62) 4-Nitroaniline	15.14	138	158335	33.895	ng	96
63) Azobenzene	15.41	77	746591	37.372	ng	99
65) 4,6-Dinitro-2-methylphenol	15.22	198	120967	37.922	ng	99
66) n-Nitrosodiphenylamine	15.33	169	573213	37.720	ng	99
67) 4-Bromophenyl-phenylether	16.01	248	209193	36.226	ng	96
68) Hexachlorobenzene	16.12	284	232005	38.502	ng	95
69) Atrazine	16.30	200	189181	41.670	ng	99
70) Pentachlorophenol	16.47	266	285260	78.612	ng	99
71) Phenanthrene	16.85	178	1041979	38.143	ng	100
72) Anthracene	16.94	178	1070252	39.256	ng	100
73) Carbazole	17.22	167	957993	37.054	ng	99
74) Di-n-butylphthalate	17.80	149	1173438	38.486	ng	99
75) Fluoranthene	18.87	202	1250578	39.930	ng	99
77) Benzidine	19.08	184	573340	48.260	ng	99
78) Pyrene	19.24	202	1270328	33.615	ng	100
80) Butylbenzylphthalate	20.17	149	537397	35.165	ng	98
81) Benzo(a)anthracene	21.00	228	1263418	36.801	ng	100
82) 3,3'-Dichlorobenzidine	20.94	252	376172	35.416	ng	98
83) Chrysene	21.05	228	1234983	37.749	ng	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	823835	37.808	ng	100
85) Di-n-octyl phthalate	21.81	149	1391409	41.393	ng	100
87) Indeno(1,2,3-cd)pyrene	25.14	276	1488708	42.525	ng	99
88) Benzo(b)fluoranthene	22.49	252	1352970	37.165	ng	100
89) Benzo(k)fluoranthene	22.53	252	1229468	34.762	ng	100
90) Benzo(a)pyrene	23.01	252	1185028	36.650	ng	99
91) Dibenzo(a,h)anthracene	25.16	278	1253244	42.882	ng	99
92) Benzo(g,h,i)perylene	25.76	276	1200778	43.176	ng	99

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

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