Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024660.D
Acq On : 30 Jan 2020 16:10
Operator : CG/JU
Sample : PB126393BSD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB126393BSD

Manual Integrations APPROVED
mohammad
2/3/2020 7:55:29 AM

Quant Time: Jan 30 23:39:11 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	7.43	152	162819	20.00	ng	-0.01
21) Naphthalene-d8	10.19	136	559847	20.00	ng	-0.01
39) Acenaphthene-d10	14.08	164	363917	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	813980	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	952956	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1191825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	741298	86.59	ng	0.00
7) Phenol-d6	6.63	99	911003	77.24	ng	-0.01
23) Nitrobenzene-d5	8.57	82	811967	71.13	ng	-0.01
42) 2,4,6-Tribromophenol	15.58	330	517106	87.35	ng	-0.01
45) 2-Fluorobiphenyl	12.70	172	2153459	80.45	ng	-0.01
79) Terphenyl-d14	19.49	244	3898354	76.37	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	146269	43.189	ng	90
3) Pyridine	3.44	79	355295	36.189	ng	95
4) n-Nitrosodimethylamine	3.35	42	152822	35.068	ng	87
6) Aniline	6.77	93	469114	32.674	ng	96
8) 2-Chlorophenol	7.01	128	467099	47.926	ng	92
9) Benzaldehyde	6.59	77	218248	31.318	ng	91
10) Phenol	6.66	94	515158	43.819	ng	93
11) bis(2-Chloroethyl)ether	6.88	93	380903	40.471	ng	94
12) 1,3-Dichlorobenzene	7.32	146	552654	46.157	ng	96
13) 1,4-Dichlorobenzene	7.47	146	557372	45.886	ng	98
14) 1,2-Dichlorobenzene	7.78	146	530404	45.237	ng	97
15) Benzyl Alcohol	7.67	79	370078	38.058	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.97	45	279077	32.391	ng	96
17) 2-Methylphenol	7.89	107	350626	42.322	ng	96
18) Hexachloroethane	8.49	117	192635	41.069	ng	98
19) n-Nitroso-di-n-propylamine	8.24	70	297260	33.569	ng	94
20) 3+4-Methylphenols	8.21	107	464176	40.475	ng	95
22) Acetophenone	8.25	105	613308	42.485	ng	95
24) Nitrobenzene	8.61	77	463725	42.389	ng	95
25) Isophorone	9.15	82	781801	40.305	ng	97
26) 2-Nitrophenol	9.32	139	255469	50.432	ng	89
27) 2,4-Dimethylphenol	9.40	122	386805	56.192	ng	94
28) bis(2-Chloroethoxy)methane	9.63	93	480234	40.528	ng	99
29) 2,4-Dichlorophenol	9.85	162	462343	49.714	ng	98
30) 1,2,4-Trichlorobenzene	10.06	180	548725	48.922	ng	99
31) Naphthalene	10.24	128	1334864	47.208	ng	100
32) Benzoic acid	9.54	122	281442m	44.695	ng	
33) 4-Chloroaniline	10.36	127	298085	24.050	ng	95
34) Hexachlorobutadiene	10.55	225	360271	46.465	ng	98
35) Caprolactam	11.13	113	131717m	44.145	ng	
36) 4-Chloro-3-methylphenol	11.50	107	421539	42.627	ng	91
37) 2-Methylnaphthalene	11.86	142	994370	45.569	ng	98
38) 1-Methylnaphthalene	12.09	142	947523	45.648	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	615517	47.390	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.24	237	808218	111.017	ng		99
43) 2,4,6-Trichlorophenol	12.50	196	405234	49.029	ng		99
44) 2,4,5-Trichlorophenol	12.57	196	426520	50.530	ng		96
46) 1,1'-Biphenyl	12.90	154	1273483	46.241	ng		99
47) 2-Chloronaphthalene	12.94	162	1030778	46.362	ng		97
48) 2-Nitroaniline	13.15	65	241329	35.589	ng		84
49) Acenaphthylene	13.80	152	1609862	48.368	ng		100
50) Dimethylphthalate	13.56	163	1273923	43.291	ng		100
51) 2,6-Dinitrotoluene	13.66	165	288689	46.143	ng	#	83
52) Acenaphthene	14.15	154	946819	45.843	ng		99
53) 3-Nitroaniline	13.99	138	182139	28.069	ng		89
54) 2,4-Dinitrophenol	14.20	184	360165	96.267	ng	#	84
55) Dibenzofuran	14.49	168	1572542	46.686	ng		97
56) 4-Nitrophenol	14.33	139	505837	99.724	ng	#	83
57) 2,4-Dinitrotoluene	14.46	165	400043	44.615	ng	#	84
58) Fluorene	15.14	166	1258513	44.460	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	406579	47.498	ng	#	94
60) Diethylphthalate	14.94	149	1211834	40.563	ng		99
61) 4-Chlorophenyl-phenylether	15.15	204	696891	42.703	ng		97
62) 4-Nitroaniline	15.16	138	272152	37.996	ng		89
63) Azobenzene	15.44	77	946173	37.129	ng		93
65) 4,6-Dinitro-2-methylphenol	15.23	198	254848	53.248	ng		91
66) n-Nitrosodiphenylamine	15.36	169	1121067	47.947	ng		99
67) 4-Bromophenyl-phenylether	16.04	248	455382	44.987	ng		96
68) Hexachlorobenzene	16.15	284	539357	46.432	ng		97
69) Atrazine	16.33	200	438486	48.856	ng		98
70) Pentachlorophenol	16.50	266	711326	100.533	ng		98
71) Phenanthrene	16.88	178	2043003	46.349	ng		99
72) Anthracene	16.97	178	2114998	49.038	ng		99
73) Carbazole	17.24	167	1869330	47.611	ng		99
74) Di-n-butylphthalate	17.83	149	2066195	41.164	ng		99
75) Fluoranthene	18.90	202	2626663	47.745	ng		99
77) Benzidine	19.10	184	1804584	81.313	ng		99
78) Pyrene	19.27	202	2742817	43.660	ng		100
80) Butylbenzylphthalate	20.21	149	1015126	38.509	ng		90
81) Benzo(a)anthracene	21.03	228	3062348	46.301	ng		99
82) 3,3'-Dichlorobenzidine	20.97	252	981734	41.262	ng		99
83) Chrysene	21.08	228	2942312	46.621	ng		99
84) Bis(2-ethylhexyl)phthalate	21.00	149	1480472	38.062	ng		97
85) Di-n-octyl phthalate	21.86	149	2691963	41.891	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	4176336	60.713	ng		98
88) Benzo(b)fluoranthene	22.54	252	3530127	45.668	ng		99
89) Benzo(k)fluoranthene	22.58	252	3217283	42.641	ng		99
90) Benzo(a)pyrene	23.07	252	3186087	45.335	ng		99
91) Dibenzo(a,h)anthracene	25.24	278	3542343	53.106	ng		99
92) Benzo(g,h,i)perylene	25.86	276	3513671	58.012	ng		98

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

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