Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024642.D
Acq On : 29 Jan 2020 10:13
Operator : CG/JU
Sample : PB126393BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB126393BS

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:41 AM

Quant Time: Jan 30 03:11:25 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	7.44	152	289361	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1059515	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	746248	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1635697	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1380959	20.00	ng	0.00
87) Perylene-d12	23.16	264	1300859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1391818	91.47	ng	0.00
7) Phenol-d6	6.65	99	1735093	82.78	ng	0.00
23) Nitrobenzene-d5	8.58	82	1548466	71.67	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1068462	88.02	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4410057	80.34	ng	0.00
79) Terphenyl-d14	19.50	244	7009762	94.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	240496	39.957	ng	92
3) Pyridine	3.45	79	603710	34.600	ng	94
4) n-Nitrosodimethylamine	3.37	42	276886	35.752	ng	80
6) Aniline	6.78	93	962667	37.728	ng	96
8) 2-Chlorophenol	7.02	128	860825	49.699	ng	93
9) Benzaldehyde	6.59	77	385086	31.093	ng	96
10) Phenol	6.67	94	963188	46.100	ng	95
11) bis(2-Chloroethyl)ether	6.89	93	713463	42.655	ng	96
12) 1,3-Dichlorobenzene	7.33	146	961561	45.189	ng	96
13) 1,4-Dichlorobenzene	7.47	146	980434	45.417	ng	98
14) 1,2-Dichlorobenzene	7.79	146	926305	44.454	ng	97
15) Benzyl Alcohol	7.69	79	698254	40.405	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.98	45	522245	34.106	ng	95
17) 2-Methylphenol	7.90	107	679057	46.120	ng	95
18) Hexachloroethane	8.50	117	341263	40.939	ng	97
19) n-Nitroso-di-n-propylamine	8.25	70	557371	35.417	ng	94
20) 3+4-Methylphenols	8.22	107	907243	44.513	ng	95
22) Acetophenone	8.26	105	1143291	41.848	ng	96
24) Nitrobenzene	8.62	77	874440	42.236	ng	95
25) Isophorone	9.16	82	1534506	41.802	ng	96
26) 2-Nitrophenol	9.33	139	486969	50.797	ng	88
27) 2,4-Dimethylphenol	9.41	122	767768	58.935	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	963652	42.972	ng	99
29) 2,4-Dichlorophenol	9.86	162	943722	53.619	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	1040652	49.025	ng	99
31) Naphthalene	10.25	128	2505306	46.817	ng	100
32) Benzoic acid	9.59	122	528778m	44.372	ng	
33) 4-Chloroaniline	10.36	127	477927	20.375	ng	96
34) Hexachlorobutadiene	10.55	225	691957	47.156	ng	98
35) Caprolactam	11.15	113	249611m	44.205	ng	
36) 4-Chloro-3-methylphenol	11.51	107	850573	45.448	ng	90
37) 2-Methylnaphthalene	11.87	142	1960609	47.476	ng	98
38) 1-Methylnaphthalene	12.10	142	1857601	47.288	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1224844	45.989	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1863408	124.821	ng		99
43) 2,4,6-Trichlorophenol	12.50	196	833157	49.158	ng		99
44) 2,4,5-Trichlorophenol	12.58	196	890502	51.447	ng		95
46) 1,1'-Biphenyl	12.92	154	2593695	45.927	ng		99
47) 2-Chloronaphthalene	12.95	162	2074373	45.499	ng		97
48) 2-Nitroaniline	13.16	65	492459	35.415	ng		91
49) Acenaphthylene	13.81	152	3245890	47.558	ng		99
50) Dimethylphthalate	13.57	163	2667450	44.205	ng		100
51) 2,6-Dinitrotoluene	13.67	165	600354	46.795	ng	#	84
52) Acenaphthene	14.16	154	1916425	45.250	ng		99
53) 3-Nitroaniline	14.00	138	385510	28.972	ng		90
54) 2,4-Dinitrophenol	14.21	184	698247	91.013	ng	#	88
55) Dibenzofuran	14.50	168	3209983	46.474	ng		96
56) 4-Nitrophenol	14.34	139	950457	91.377	ng	#	84
57) 2,4-Dinitrotoluene	14.47	165	819909	44.592	ng	#	86
58) Fluorene	15.15	166	2589591	44.613	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	838893	47.792	ng	#	95
60) Diethylphthalate	14.95	149	2568559	41.927	ng		98
61) 4-Chlorophenyl-phenylether	15.15	204	1490968	44.553	ng		99
62) 4-Nitroaniline	15.17	138	535242	36.441	ng		88
63) Azobenzene	15.44	77	2026212	38.775	ng		95
65) 4,6-Dinitro-2-methylphenol	15.24	198	489327	50.879	ng		85
66) n-Nitrosodiphenylamine	15.37	169	2284842	48.629	ng		98
67) 4-Bromophenyl-phenylether	16.04	248	976622	48.012	ng		98
68) Hexachlorobenzene	16.16	284	1130598	48.435	ng		96
69) Atrazine	16.34	200	888814	49.282	ng		99
70) Pentachlorophenol	16.50	266	1390557	97.800	ng		100
71) Phenanthrene	16.89	178	4084380	46.112	ng		99
72) Anthracene	16.97	178	4158355	47.980	ng		100
73) Carbazole	17.25	167	3508347	44.467	ng		99
74) Di-n-butylphthalate	17.84	149	4237315	42.010	ng		99
75) Fluoranthene	18.91	202	4785910	43.291	ng		99
77) Benzidine	19.10	184	2843708	88.422	ng		99
78) Pyrene	19.27	202	4829134	53.045	ng		100
80) Butylbenzylphthalate	20.21	149	1711233	44.796	ng		94
81) Benzo(a)anthracene	21.03	228	4485692	46.801	ng		100
82) 3,3'-Dichlorobenzidine	20.97	252	1200952	34.832	ng		99
83) Chrysene	21.09	228	4199579	45.918	ng		100
84) Bis(2-ethylhexyl)phthalate	21.01	149	2435631	43.211	ng	#	96
85) Di-n-octyl phthalate	21.86	149	3850704	41.351	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	4047183	40.601	ng		99
88) Benzo(b)fluoranthene	22.54	252	4120047	48.833	ng		99
89) Benzo(k)fluoranthene	22.58	252	3837662	46.600	ng		99
90) Benzo(a)pyrene	23.07	252	3494348	45.554	ng		99
91) Dibenzo(a,h)anthracene	25.24	278	3429562	47.105	ng		99
92) Benzo(g,h,i)perylene	25.85	276	3344868	50.596	ng		98

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

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