Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
Data File : BM020029.D
Acq On : 23 Apr 2019 06:18
Operator : JU/SJ
Sample : K2472-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations APPROVED
Sohil
4/23/2019 4:13:57 PM

Quant Time: Apr 23 09:11:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	89703	20.00	ng		-0.01
21) Naphthalene-d8	10.27	136	340978	20.00	ng		-0.01
39) Acenaphthene-d10	14.16	164	177842	20.00	ng		-0.01
64) Phenanthrene-d10	16.93	188	375681	20.00	ng		-0.01
76) Chrysene-d12	21.15	240	367246	20.00	ng		-0.01
87) Perylene-d12	23.34	264	450411	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	688441	124.38	ng		-0.01
7) Phenol-d6	6.70	99	830795	99.73	ng		-0.01
23) Nitrobenzene-d5	8.67	82	691970	90.76	ng		-0.01
42) 2,4,6-Tribromophenol	15.68	330	382759	133.70	ng		-0.01
45) 2-Fluorobiphenyl	12.77	172	1361130	95.38	ng		-0.02
79) Terphenyl-d14	19.58	244	1987723	95.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	101524	42.505	ng	#	55
3) Pyridine	3.50	79	204592	30.585	ng		97
4) n-Nitrosodimethylamine	3.42	42	89664	41.610	ng	#	83
6) Aniline	6.86	93	144190	13.402	ng		99
8) 2-Chlorophenol	7.07	128	255724	37.147	ng		98
9) Benzaldehyde	6.69	77	70788	11.899	ng		96
10) Phenol	6.72	94	274821	30.196	ng		88
11) bis(2-Chloroethyl)ether	6.95	93	239212	35.923	ng		99
12) 1,3-Dichlorobenzene	7.38	146	233825	32.354	ng		95
13) 1,4-Dichlorobenzene	7.53	146	244443	33.336	ng		98
14) 1,2-Dichlorobenzene	7.84	146	238277	32.773	ng		97
15) Benzyl Alcohol	7.77	79	250049	33.019	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	204826	32.267	ng		96
17) 2-Methylphenol	7.96	107	199084	33.051	ng		96
18) Hexachloroethane	8.54	117	90744	31.837	ng		98
19) n-Nitroso-di-n-propylamine	8.31	70	228067	31.146	ng		98
20) 3+4-Methylphenols	8.30	107	252987	30.574	ng		97
22) Acetophenone	8.33	105	394468	42.474	ng	#	98
24) Nitrobenzene	8.72	77	343418	43.479	ng		97
25) Isophorone	9.23	82	558966	37.661	ng		99
26) 2-Nitrophenol	9.42	139	127005	37.733	ng	#	90
27) 2,4-Dimethylphenol	9.48	122	210006	44.127	ng		98
28) bis(2-Chloroethoxy)methane	9.71	93	316430	38.074	ng		100
29) 2,4-Dichlorophenol	9.96	162	192527	35.620	ng		96
30) 1,2,4-Trichlorobenzene	10.14	180	236409	40.638	ng		99
31) Naphthalene	10.32	128	715611	39.128	ng		100
32) Benzoic acid	9.74	122	12910m	7.649	ng		
33) 4-Chloroaniline	10.51	127	27941	3.708	ng		96
34) Hexachlorobutadiene	10.57	225	134772	39.280	ng		97
35) Caprolactam	11.32	113	43971m	21.492	ng		
36) 4-Chloro-3-methylphenol	11.61	107	234126	34.861	ng		99
37) 2-Methylnaphthalene	11.95	142	526863	39.569	ng		99
38) 1-Methylnaphthalene	12.17	142	500234	38.049	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	260392	47.462	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	146630	76.147	ng	98
43) 2,4,6-Trichlorophenol	12.59	196	167213	44.955	ng	100
44) 2,4,5-Trichlorophenol	12.68	196	162297	41.923	ng	98
46) 1,1'-Biphenyl	12.99	154	681744	44.259	ng	99
47) 2-Chloronaphthalene	13.03	162	527462	44.893	ng	99
48) 2-Nitroaniline	13.28	65	167347	39.515	ng	94
49) Acenaphthylene	13.89	152	833694	40.782	ng	99
50) Dimethylphthalate	13.64	163	671975	42.837	ng	100
51) 2,6-Dinitrotoluene	13.78	165	143926	41.491	ng	85
52) Acenaphthene	14.23	154	486394	42.911	ng	98
53) 3-Nitroaniline	14.14	138	39251	11.332	ng	98
54) 2,4-Dinitrophenol	14.38	184	35576	23.047	ng	93
55) Dibenzofuran	14.57	168	794446	42.861	ng	96
56) 4-Nitrophenol	14.47	139	125878	48.544	ng	85
57) 2,4-Dinitrotoluene	14.59	165	194939	39.096	ng	98
58) Fluorene	15.23	166	649689	41.366	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.82	232	151990	43.028	ng	99
60) Diethylphthalate	15.01	149	692706	42.459	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	327190	43.268	ng	96
62) 4-Nitroaniline	15.31	138	99543	29.169	ng	87
63) Azobenzene	15.52	77	770883	44.209	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	46493	19.397	ng	93
66) n-Nitrosodiphenylamine	15.45	169	547824	44.604	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	189020	43.762	ng	98
68) Hexachlorobenzene	16.23	284	227608	43.918	ng	98
69) Atrazine	16.42	200	183755	44.072	ng	97
70) Pentachlorophenol	16.59	266	192994	72.882	ng	96
71) Phenanthrene	16.97	178	954297	42.805	ng	99
72) Anthracene	17.07	178	970511	43.732	ng	100
73) Carbazole	17.36	167	842846	40.679	ng	99
74) Di-n-butylphthalate	17.90	149	1129977	41.527	ng	100
75) Fluoranthene	19.01	202	1089263	42.456	ng	99
77) Benzidine	19.24	184	119248	11.768	ng	99
78) Pyrene	19.37	202	1114190	45.814	ng	100
80) Butylbenzylphthalate	20.29	149	536128	45.470	ng	95
81) Benzo(a)anthracene	21.13	228	1085652	46.667	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	175938	20.327	ng	98
83) Chrysene	21.19	228	1074368	48.156	ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	789181	44.958	ng	99
85) Di-n-octyl phthalate	21.91	149	1409365	49.482	ng	100
86) Indeno(1,2,3-cd)pyrene	25.52	276	1669480	76.068	ng	98
88) Benzo(b)fluoranthene	22.68	252	1268184	42.403	ng	99
89) Benzo(k)fluoranthene	22.73	252	1266352	44.976	ng	99
90) Benzo(a)pyrene	23.24	252	1233074	46.531	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	1417371	55.475	ng	98
92) Benzo(g,h,i)perylene	26.20	276	1316659	56.897	ng	98

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

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