Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019063.D
Acq On : 06 Mar 2019 09:23
Operator : JU/SJ
Sample : K1705-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW002-022719MSD

Manual Integrations APPROVED
Sohil
3/6/2019 5:26:24 PM

Quant Time: Mar 06 11:04:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	201727	20.00	ng		-0.01
21) Naphthalene-d8	10.46	136	812678	20.00	ng		-0.01
39) Acenaphthene-d10	14.33	164	467177	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	1043202	20.00	ng		0.00
76) Chrysene-d12	21.28	240	1158621	20.00	ng		0.00
87) Perylene-d12	23.52	264	1107535	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1571537	127.64	ng		0.00
7) Phenol-d6	6.86	99	2201197	126.91	ng		0.00
23) Nitrobenzene-d5	8.84	82	1376322	78.31	ng		-0.01
42) 2,4,6-Tribromophenol	15.83	330	855805	127.08	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	2591332	73.63	ng		-0.01
79) Terphenyl-d14	19.72	244	4098276	72.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	153514	28.628	ng		100
3) Pyridine	3.63	79	345740	23.637	ng		98
4) n-Nitrosodimethylamine	3.55	42	145300	39.048	ng		99
6) Aniline	7.02	93	249543	11.743	ng		98
8) 2-Chlorophenol	7.24	128	515236	38.117	ng		99
9) Benzaldehyde	6.83	77	355613	36.697	ng		100
10) Phenol	6.88	94	756336	41.444	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	485098	34.846	ng		99
12) 1,3-Dichlorobenzene	7.56	146	516925	34.009	ng		98
13) 1,4-Dichlorobenzene	7.71	146	530082	34.257	ng		99
14) 1,2-Dichlorobenzene	8.02	146	513294	34.534	ng		99
15) Benzyl Alcohol	7.92	79	488422	35.440	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	478801	35.536	ng		99
17) 2-Methylphenol	8.12	107	437397	37.657	ng		96
18) Hexachloroethane	8.73	117	192755	34.124	ng		99
19) n-Nitroso-di-n-propylamine	8.48	70	450299	33.531	ng		99
20) 3+4-Methylphenols	8.45	107	591201	36.860	ng		97
22) Acetophenone	8.50	105	751115	33.656	ng	#	99
24) Nitrobenzene	8.89	77	638925	35.022	ng		98
25) Isophorone	9.40	82	1128731	40.249	ng		99
26) 2-Nitrophenol	9.59	139	269804	37.136	ng		97
27) 2,4-Dimethylphenol	9.65	122	458813	43.238	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	668636	36.870	ng		99
29) 2,4-Dichlorophenol	10.12	162	469439	38.528	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	494598	35.150	ng		97
31) Naphthalene	10.51	128	1515853	38.245	ng		99
32) Benzoic acid	9.79	122	296203m	32.000	ng		
33) 4-Chloroaniline	10.65	127	141114	7.965	ng		98
34) Hexachlorobutadiene	10.77	225	267562	32.759	ng		100
35) Caprolactam	11.45	113	150952m	30.357	ng		
36) 4-Chloro-3-methylphenol	11.76	107	541793	36.881	ng		98
37) 2-Methylnaphthalene	12.13	142	1092836	39.162	ng		99
38) 1-Methylnaphthalene	12.35	142	1043666	38.246	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	521087	34.868	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	426903	55.872 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	376109	38.017 ng	98
44) 2,4,5-Trichlorophenol	12.83	196	401686	38.737 ng	98
46) 1,1'-Biphenyl	13.15	154	1404383	34.923 ng	99
47) 2-Chloronaphthalene	13.20	162	1093288	35.199 ng	100
48) 2-Nitroaniline	13.42	65	374212	36.276 ng	99
49) Acenaphthylene	14.05	152	1776665	38.415 ng	100
50) Dimethylphthalate	13.79	163	1566429	40.233 ng	99
51) 2,6-Dinitrotoluene	13.92	165	311102	36.886 ng	97
52) Acenaphthene	14.39	154	1019228	35.940 ng	99
53) 3-Nitroaniline	14.26	138	151963	15.946 ng	98
54) 2,4-Dinitrophenol	14.47	184	332476	63.413 ng	95
55) Dibenzofuran	14.73	168	1656377	35.535 ng	99
56) 4-Nitrophenol	14.57	139	551762	72.531 ng	96
57) 2,4-Dinitrotoluene	14.72	165	443330	38.151 ng	98
58) Fluorene	15.38	166	1349174	37.834 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	358123	39.072 ng	99
60) Diethylphthalate	15.16	149	1424397	35.466 ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	660939	33.057 ng	99
62) 4-Nitroaniline	15.43	138	303925	32.532 ng	98
63) Azobenzene	15.67	77	1500028	34.834 ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	220157	30.058 ng	97
66) n-Nitrosodiphenylamine	15.60	169	1197293	36.327 ng	99
67) 4-Bromophenyl-phenylether	16.27	248	399891	34.246 ng	99
68) Hexachlorobenzene	16.37	284	473319	34.873 ng	96
69) Atrazine	16.56	200	417314	39.275 ng	99
70) Pentachlorophenol	16.73	266	606580	69.410 ng	99
71) Phenanthrene	17.12	178	2128719	37.970 ng	99
72) Anthracene	17.22	178	2153724	39.469 ng	100
73) Carbazole	17.49	167	2045839	35.885 ng	99
74) Di-n-butylphthalate	18.04	149	2500743	38.141 ng	100
75) Fluoranthene	19.14	202	2513134	38.807 ng	98
77) Benzidine	19.35	184	913420	35.005 ng	99
78) Pyrene	19.51	202	2576588	38.290 ng	100
80) Butylbenzylphthalate	20.42	149	1225847	39.972 ng	99
81) Benzo(a)anthracene	21.26	228	2485679	36.804 ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	554975	20.792 ng	99
83) Chrysene	21.32	228	2390099	36.922 ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	1931601	43.034 ng	100
85) Di-n-octyl phthalate	22.06	149	3202546	42.452 ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2730568	36.535 ng	100
88) Benzo(b)fluoranthene	22.84	252	2486150	39.235 ng	100
89) Benzo(k)fluoranthene	22.89	252	2385361	37.812 ng	100
90) Benzo(a)pyrene	23.43	252	2309310	38.470 ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2331207	39.198 ng	99
92) Benzo(g,h,i)perylene	26.50	276	2199259	39.721 ng	99

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

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