Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019148.D
Acq On : 13 Mar 2019 16:27
Operator : JU/SJ
Sample : PB117864BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Manual Integrations APPROVED
Sohil
3/14/2019 3:38:02 PM

Quant Time: Mar 14 07:48:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	215759	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	950061	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	591825	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1315300	20.00	ng		0.00
76) Chrysene-d12	21.27	240	1326598	20.00	ng		0.00
87) Perylene-d12	23.50	264	1039906	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1949315	146.31	ng		0.00
7) Phenol-d6	6.85	99	2775579	142.43	ng		0.00
23) Nitrobenzene-d5	8.83	82	1534194	76.33	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	1221930	139.84	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	3365966	73.98	ng		0.00
79) Terphenyl-d14	19.70	244	5450369	81.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	197898	33.391	ng		99
3) Pyridine	3.62	79	533939	33.114	ng		99
4) n-Nitrosodimethylamine	3.54	42	183591	36.625	ng		96
6) Aniline	7.00	93	768894	30.561	ng		99
8) 2-Chlorophenol	7.23	128	680077	42.478	ng		99
9) Benzaldehyde	6.82	77	341206	27.836	ng		99
10) Phenol	6.87	94	929595	44.263	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	602249	37.580	ng		100
12) 1,3-Dichlorobenzene	7.55	146	638250	37.671	ng		99
13) 1,4-Dichlorobenzene	7.69	146	652317	37.765	ng		98
14) 1,2-Dichlorobenzene	8.00	146	635375	37.808	ng		99
15) Benzyl Alcohol	7.92	79	662554	41.080	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	602605	36.826	ng		99
17) 2-Methylphenol	8.11	107	598740	43.749	ng		99
18) Hexachloroethane	8.72	117	241641	37.648	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	597286	37.360	ng		98
20) 3+4-Methylphenols	8.44	107	823314	44.320	ng		98
22) Acetophenone	8.49	105	977559	37.232	ng	#	99
24) Nitrobenzene	8.87	77	832274	39.816	ng		99
25) Isophorone	9.39	82	1518500	39.595	ng		99
26) 2-Nitrophenol	9.57	139	360928	41.657	ng		98
27) 2,4-Dimethylphenol	9.63	122	656778	50.988	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	912660	40.190	ng		99
29) 2,4-Dichlorophenol	10.10	162	671624	47.079	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	649506	40.377	ng		100
31) Naphthalene	10.50	128	1976166	39.464	ng		99
32) Benzoic acid	9.81	122	468583m	42.954	ng		
33) 4-Chloroaniline	10.63	127	416369	20.284	ng		99
34) Hexachlorobutadiene	10.76	225	350624	37.982	ng		99
35) Caprolactam	11.45	113	223000m	43.882	ng		
36) 4-Chloro-3-methylphenol	11.75	107	777847	44.190	ng		98
37) 2-Methylnaphthalene	12.12	142	1506006	41.387	ng		99
38) 1-Methylnaphthalene	12.34	142	1445768	40.309	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	717480	38.325	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	762934	89.970 ng	99
43) 2,4,6-Trichlorophenol	12.74	196	545969	45.128 ng	97
44) 2,4,5-Trichlorophenol	12.81	196	588111m	45.459 ng	
46) 1,1'-Biphenyl	13.14	154	1992646	38.554 ng	99
47) 2-Chloronaphthalene	13.19	162	1546156	40.077 ng	99
48) 2-Nitroaniline	13.41	65	542954	41.964 ng	99
49) Acenaphthylene	14.03	152	2522191	38.665 ng	100
50) Dimethylphthalate	13.79	163	2035177	40.199 ng	99
51) 2,6-Dinitrotoluene	13.92	165	451636	41.267 ng	96
52) Acenaphthene	14.38	154	1460990	38.978 ng	99
53) 3-Nitroaniline	14.25	138	299881	25.871 ng	97
54) 2,4-Dinitrophenol	14.46	184	464299	73.051 ng	100
55) Dibenzofuran	14.72	168	2409040	39.853 ng	100
56) 4-Nitrophenol	14.57	139	750760	79.328 ng	97
57) 2,4-Dinitrotoluene	14.70	165	634732	39.954 ng	99
58) Fluorene	15.37	166	1976158	39.661 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	512964	42.591 ng	99
60) Diethylphthalate	15.15	149	2078493	40.536 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	981646	40.564 ng	99
62) 4-Nitroaniline	15.42	138	422937	36.206 ng	99
63) Azobenzene	15.66	77	2203898	40.846 ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	313003	36.315 ng	97
66) n-Nitrosodiphenylamine	15.59	169	1725554	41.208 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	587831	40.528 ng	97
68) Hexachlorobenzene	16.36	284	692967	40.186 ng	100
69) Atrazine	16.54	200	592825	42.056 ng	99
70) Pentachlorophenol	16.72	266	831157	80.001 ng	99
71) Phenanthrene	17.12	178	3035587	39.375 ng	99
72) Anthracene	17.20	178	3082635	40.845 ng	99
73) Carbazole	17.49	167	2833237	39.774 ng	99
74) Di-n-butylphthalate	18.03	149	3562166	41.354 ng	100
75) Fluoranthene	19.13	202	3429002	38.762 ng	100
77) Benzidine	19.34	184	1645957	43.749 ng	100
78) Pyrene	19.50	202	3486002	41.532 ng	100
80) Butylbenzylphthalate	20.40	149	1684963	46.089 ng	98
81) Benzo(a)anthracene	21.25	228	3187665	38.301 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	899383	28.052 ng	99
83) Chrysene	21.30	228	3113152	38.665 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2483932	46.702 ng	98
85) Di-n-octyl phthalate	22.05	149	4124464	46.052 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3036345	35.032 ng	100
88) Benzo(b)fluoranthene	22.83	252	3057985	45.382 ng	99
89) Benzo(k)fluoranthene	22.88	252	2860510	46.154 ng	99
90) Benzo(a)pyrene	23.41	252	2741292	45.269 ng	100
91) Dibenzo(a,h)anthracene	25.78	278	2614885	45.141 ng	99
92) Benzo(g,h,i)perylene	26.46	276	2459928	46.254 ng	99

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

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