Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019147.D
Acq On : 13 Mar 2019 15:50
Operator : JU/SJ
Sample : K1824-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-24MSD

Manual Integrations APPROVED
Sohil
3/14/2019 3:38:00 PM

Quant Time: Mar 14 07:47:35 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	209878	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	957202	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	613114	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1430894	20.00	ng		0.00
76) Chrysene-d12	21.27	240	1470043	20.00	ng		0.00
87) Perylene-d12	23.50	264	1278123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1788413	138.00	ng		0.00
7) Phenol-d6	6.85	99	2745238	144.82	ng		0.00
23) Nitrobenzene-d5	8.83	82	1675311	82.73	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	1278872	141.27	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	3534022	74.98	ng		0.00
79) Terphenyl-d14	19.70	244	6311513	85.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	178710	30.998	ng		98
3) Pyridine	3.62	79	293193	18.693	ng		99
4) n-Nitrosodimethylamine	3.54	42	175318	35.954	ng		94
6) Aniline	7.01	93	457951	18.712	ng		100
8) 2-Chlorophenol	7.23	128	656839	42.177	ng		98
9) Benzaldehyde	6.82	77	310502	26.041	ng		97
10) Phenol	6.87	94	1079589	52.845	ng		100
11) bis(2-Chloroethyl)ether	7.10	93	602532	38.651	ng		98
12) 1,3-Dichlorobenzene	7.55	146	602938	36.584	ng		99
13) 1,4-Dichlorobenzene	7.69	146	623694	37.119	ng		99
14) 1,2-Dichlorobenzene	8.00	146	613147	37.507	ng		99
15) Benzyl Alcohol	7.92	79	664437	42.351	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	595076	37.385	ng		99
17) 2-Methylphenol	8.11	107	601787	45.204	ng		99
18) Hexachloroethane	8.72	117	227225	36.394	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	614609	39.520	ng		99
20) 3+4-Methylphenols	8.44	107	832882	46.091	ng		98
22) Acetophenone	8.49	105	993360	37.552	ng	#	99
24) Nitrobenzene	8.87	77	841364	39.951	ng		99
25) Isophorone	9.39	82	1595133	41.282	ng		99
26) 2-Nitrophenol	9.57	139	364087	41.708	ng		99
27) 2,4-Dimethylphenol	9.63	122	656671	50.600	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	934474	40.844	ng		99
29) 2,4-Dichlorophenol	10.10	162	681746	47.432	ng		100
30) 1,2,4-Trichlorobenzene	10.30	180	636135	39.251	ng		99
31) Naphthalene	10.49	128	1985546	39.355	ng		100
32) Benzoic acid	9.77	122	215334m	19.592	ng		
33) 4-Chloroaniline	10.63	127	249153	12.047	ng		99
34) Hexachlorobutadiene	10.76	225	338827	36.431	ng		99
35) Caprolactam	11.45	113	236185m	46.130	ng		
36) 4-Chloro-3-methylphenol	11.76	107	834882	47.076	ng		100
37) 2-Methylnaphthalene	12.12	142	1535962	41.895	ng		100
38) 1-Methylnaphthalene	12.33	142	1481772	41.005	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	731501	37.717	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	764323	87.004	ng	99
43) 2,4,6-Trichlorophenol	12.74	196	576359	45.986	ng	98
44) 2,4,5-Trichlorophenol	12.81	196	630183m	47.020	ng	
46) 1,1'-Biphenyl	13.14	154	2060609	38.484	ng	99
47) 2-Chloronaphthalene	13.19	162	1589246	39.764	ng	99
48) 2-Nitroaniline	13.41	65	599472	44.724	ng	99
49) Acenaphthylene	14.04	152	2658747	39.343	ng	100
50) Dimethylphthalate	13.79	163	2662100	50.756	ng	99
51) 2,6-Dinitrotoluene	13.92	165	491147	43.319	ng	96
52) Acenaphthene	14.38	154	1544075	39.764	ng	99
53) 3-Nitroaniline	14.25	138	280845	23.388	ng	95
54) 2,4-Dinitrophenol	14.46	184	454051	68.958	ng	99
55) Dibenzofuran	14.72	168	2537971	40.528	ng	100
56) 4-Nitrophenol	14.57	139	862006	87.920	ng	98
57) 2,4-Dinitrotoluene	14.70	165	709180	43.090	ng	98
58) Fluorene	15.37	166	2109168	40.861	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	567915	45.517	ng	100
60) Diethylphthalate	15.15	149	2277224	42.870	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1041456	41.542	ng	100
62) 4-Nitroaniline	15.43	138	490924	40.566	ng	99
63) Azobenzene	15.66	77	2350261	42.046	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	350066	37.334	ng	97
66) n-Nitrosodiphenylamine	15.59	169	1879724	41.263	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	629990	39.925	ng	96
68) Hexachlorobenzene	16.36	284	747628	39.853	ng	98
69) Atrazine	16.55	200	678881	44.271	ng	100
70) Pentachlorophenol	16.72	266	927682	82.078	ng	99
71) Phenanthrene	17.11	178	3317941	39.561	ng	100
72) Anthracene	17.20	178	3392657	41.321	ng	100
73) Carbazole	17.49	167	3199297	41.285	ng	99
74) Di-n-butylphthalate	18.04	149	3978434	42.455	ng	100
75) Fluoranthene	19.13	202	3827935	39.776	ng	99
77) Benzidine	19.34	184	486774	11.676	ng	99
78) Pyrene	19.50	202	3887954	41.801	ng	99
80) Butylbenzylphthalate	20.40	149	1882352	46.464	ng	99
81) Benzo(a)anthracene	21.25	228	3591403	38.942	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	825504	23.235	ng	100
83) Chrysene	21.30	228	3477182	38.972	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2818129	47.815	ng	98
85) Di-n-octyl phthalate	22.05	149	4668789	47.043	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3424311	35.653	ng	100
88) Benzo(b)fluoranthene	22.83	252	3346496	40.407	ng	99
89) Benzo(k)fluoranthene	22.88	252	3411223	44.781	ng	99
90) Benzo(a)pyrene	23.41	252	3144615	42.251	ng	99
91) Dibenzo(a,h)anthracene	25.78	278	2930305	41.158	ng	100
92) Benzo(g,h,i)perylene	26.46	276	2692087	41.185	ng	99

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

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