Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019215.D
Acq On : 18 Mar 2019 14:51
Operator : JU/SJ
Sample : K1933-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-1MSD

Manual Integrations APPROVED
Sohil
3/19/2019 5:27:58 PM

Quant Time: Mar 19 07:29:24 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	7.65	152	223834	20.00	ng		-0.01
21) Naphthalene-d8	10.43	136	956534	20.00	ng		-0.02
39) Acenaphthene-d10	14.30	164	557888	20.00	ng		-0.02
64) Phenanthrene-d10	17.06	188	1184905	20.00	ng		-0.01
76) Chrysene-d12	21.26	240	917575	20.00	ng		-0.01
87) Perylene-d12	23.49	264	841057	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	2335318	168.96	ng		0.00
7) Phenol-d6	6.84	99	3418062	169.07	ng		0.00
23) Nitrobenzene-d5	8.82	82	2070393	102.32	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	1357231	164.77	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	3857331	89.94	ng		-0.02
79) Terphenyl-d14	19.70	244	4971424	107.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	214062	34.815	ng		100
3) Pyridine	3.61	79	610729	36.510	ng		99
4) n-Nitrosodimethylamine	3.53	42	199859	38.432	ng		99
6) Aniline	7.00	93	324896	12.448	ng		99
8) 2-Chlorophenol	7.22	128	799296	48.124	ng		99
9) Benzaldehyde	6.82	77	293461	23.077	ng		98
10) Phenol	6.86	94	1115472	51.197	ng		100
11) bis(2-Chloroethyl)ether	7.09	93	719290	43.264	ng		99
12) 1,3-Dichlorobenzene	7.53	146	731097	41.594	ng		99
13) 1,4-Dichlorobenzene	7.69	146	755101	42.138	ng		97
14) 1,2-Dichlorobenzene	8.00	146	741679	42.541	ng		99
15) Benzyl Alcohol	7.90	79	759357	45.383	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	707535	41.679	ng		98
17) 2-Methylphenol	8.10	107	694422	48.910	ng		99
18) Hexachloroethane	8.70	117	273104	41.015	ng		98
19) n-Nitroso-di-n-propylamine	8.46	70	712960	42.986	ng		98
20) 3+4-Methylphenols	8.43	107	948686	49.226	ng		98
22) Acetophenone	8.48	105	1169433	44.239	ng	#	99
24) Nitrobenzene	8.86	77	979038	46.521	ng		99
25) Isophorone	9.38	82	1779552	46.087	ng		100
26) 2-Nitrophenol	9.56	139	433818	49.730	ng		99
27) 2,4-Dimethylphenol	9.62	122	751783	57.969	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	1074307	46.988	ng		99
29) 2,4-Dichlorophenol	10.09	162	759383	52.870	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	759485	46.894	ng		100
31) Naphthalene	10.49	128	2327521	46.166	ng		100
32) Benzoic acid	9.75	122	113868m	10.367	ng		
33) 4-Chloroaniline	10.62	127	132177	6.396	ng		97
34) Hexachlorobutadiene	10.75	225	402808	43.340	ng		99
35) Caprolactam	11.45	113	242141m	47.326	ng		
36) 4-Chloro-3-methylphenol	11.74	107	867881	48.971	ng		99
37) 2-Methylnaphthalene	12.10	142	1740861	47.517	ng		99
38) 1-Methylnaphthalene	12.33	142	1655386	45.841	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	829657	47.013	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	735794	92.048 ng	98
43) 2,4,6-Trichlorophenol	12.73	196	615321	53.954 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	641240	52.581 ng	98
46) 1,1'-Biphenyl	13.13	154	2242200	46.021 ng	100
47) 2-Chloronaphthalene	13.17	162	1739836	47.841 ng	99
48) 2-Nitroaniline	13.40	65	594039	48.706 ng	97
49) Acenaphthylene	14.03	152	2821047	45.877 ng	100
50) Dimethylphthalate	13.78	163	2453799	51.416 ng	100
51) 2,6-Dinitrotoluene	13.90	165	495498	48.029 ng	98
52) Acenaphthene	14.37	154	1628111	46.079 ng	98
53) 3-Nitroaniline	14.24	138	184064	16.845 ng	98
54) 2,4-Dinitrophenol	14.45	184	275751	46.025 ng	99
55) Dibenzofuran	14.70	168	2650625	46.517 ng	99
56) 4-Nitrophenol	14.56	139	763205	85.549 ng	99
57) 2,4-Dinitrotoluene	14.70	165	699223	46.691 ng	98
58) Fluorene	15.36	166	2161066	46.011 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	567896	50.021 ng	99
60) Diethylphthalate	15.14	149	2251390	46.579 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1065831	46.722 ng	97
62) 4-Nitroaniline	15.42	138	439159	39.881 ng	99
63) Azobenzene	15.65	77	2335795	45.924 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	310727	40.018 ng	98
66) n-Nitrosodiphenylamine	15.58	169	1876636	49.747 ng	100
67) 4-Bromophenyl-phenylether	16.25	248	638727	48.883 ng	98
68) Hexachlorobenzene	16.35	284	738751	47.555 ng	98
69) Atrazine	16.54	200	638702	50.297 ng	100
70) Pentachlorophenol	16.71	266	858047	91.677 ng	99
71) Phenanthrene	17.10	178	3170962	45.657 ng	100
72) Anthracene	17.19	178	3249010	47.786 ng	99
73) Carbazole	17.47	167	2866993	44.677 ng	99
74) Di-n-butylphthalate	18.03	149	3833235	49.398 ng	100
75) Fluoranthene	19.13	202	3343925	41.960 ng	99
77) Benzidine	19.33	184	1161810	44.646 ng	100
78) Pyrene	19.49	202	3299920	56.840 ng	100
80) Butylbenzylphthalate	20.40	149	1602006	63.354 ng	99
81) Benzo(a)anthracene	21.24	228	2574740	44.727 ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	471277	21.252 ng	98
83) Chrysene	21.30	228	2489005	44.693 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2382346	64.759 ng	99
85) Di-n-octyl phthalate	22.04	149	3555762	57.400 ng	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2850009	47.540 ng	100
88) Benzo(b)fluoranthene	22.82	252	2482919	45.559 ng	100
89) Benzo(k)fluoranthene	22.87	252	2352648	46.934 ng	98
90) Benzo(a)pyrene	23.40	252	2317873	47.327 ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2438029	52.039 ng	100
92) Benzo(g,h,i)perylene	26.45	276	2315024	53.821 ng	99

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

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