Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
Data File : BM019281.D
Acq On : 21 Mar 2019 04:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/22/2019 6:04:58 PM

Quant Time: Mar 21 18:02:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 17:06:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	179168	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	885894	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	538166	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	1176323	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1100396	20.00	ng		0.00
87) Perylene-d12	23.47	264	922843	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	878113	79.37	ng		0.00
7) Phenol-d6	6.82	99	1368684	84.58	ng		0.00
23) Nitrobenzene-d5	8.80	82	1477535	78.84	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	664580	83.64	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	3293261	79.60	ng		0.00
79) Terphenyl-d14	19.69	244	5012242	90.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	176900	35.944	ng		99
3) Pyridine	3.60	79	559597	41.793	ng		99
4) n-Nitrosodimethylamine	3.52	42	155581	37.376	ng		99
6) Aniline	6.98	93	868119	41.551	ng		99
8) 2-Chlorophenol	7.20	128	542995	40.843	ng		99
9) Benzaldehyde	6.80	77	391020	38.415	ng		99
10) Phenol	6.84	94	737823	42.306	ng		97
11) bis(2-Chloroethyl)ether	7.07	93	537991	40.427	ng		99
12) 1,3-Dichlorobenzene	7.52	146	559943	39.799	ng		100
13) 1,4-Dichlorobenzene	7.67	146	569744	39.721	ng		98
14) 1,2-Dichlorobenzene	7.98	146	565771	40.541	ng		100
15) Benzyl Alcohol	7.89	79	556326	41.538	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.16	45	554046	40.774	ng		99
17) 2-Methylphenol	8.08	107	484584	42.639	ng		99
18) Hexachloroethane	8.69	117	210632	39.518	ng		99
19) n-Nitroso-di-n-propylamine	8.45	70	567525	42.748	ng		100
20) 3+4-Methylphenols	8.41	107	675407	43.783	ng		99
22) Acetophenone	8.46	105	966488	39.477	ng	#	99
24) Nitrobenzene	8.85	77	762519	39.122	ng		99
25) Isophorone	9.36	82	1431664	40.034	ng		99
26) 2-Nitrophenol	9.55	139	335996	41.588	ng		97
27) 2,4-Dimethylphenol	9.60	122	491322	40.906	ng		100
28) bis(2-Chloroethoxy)methane	9.85	93	842039	39.766	ng		98
29) 2,4-Dichlorophenol	10.07	162	567250	42.643	ng		99
30) 1,2,4-Trichlorobenzene	10.28	180	590784	39.387	ng		98
31) Naphthalene	10.47	128	1831239	39.219	ng		100
32) Benzoic acid	9.79	122	374119m	36.779	ng		
33) 4-Chloroaniline	10.60	127	792674	41.413	ng		99
34) Hexachlorobutadiene	10.73	225	333070	38.694	ng		97
35) Caprolactam	11.43	113	205888m	43.449	ng		
36) 4-Chloro-3-methylphenol	11.72	107	686313	41.814	ng		99
37) 2-Methylnaphthalene	12.09	142	1353556	39.892	ng		100
38) 1-Methylnaphthalene	12.31	142	1334454	39.901	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	678661	39.866	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	228146	29.587 ng	96
43) 2,4,6-Trichlorophenol	12.71	196	456123	41.461 ng	99
44) 2,4,5-Trichlorophenol	12.79	196	492005	41.823 ng	100
46) 1,1'-Biphenyl	13.12	154	1862369	39.626 ng	100
47) 2-Chloronaphthalene	13.16	162	1399713	39.899 ng	99
48) 2-Nitroaniline	13.39	65	486504	41.351 ng	97
49) Acenaphthylene	14.01	152	2395511	40.385 ng	99
50) Dimethylphthalate	13.76	163	1820558	39.545 ng	100
51) 2,6-Dinitrotoluene	13.89	165	406289	40.825 ng	100
52) Acenaphthene	14.36	154	1344569	39.448 ng	99
53) 3-Nitroaniline	14.23	138	412254	39.112 ng	99
54) 2,4-Dinitrophenol	14.44	184	166350	28.782 ng	99
55) Dibenzofuran	14.69	168	2189609	39.835 ng	100
56) 4-Nitrophenol	14.54	139	308784	35.880 ng	99
57) 2,4-Dinitrotoluene	14.69	165	571609	39.568 ng	99
58) Fluorene	15.34	166	1816375	40.089 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	437720	39.968 ng	99
60) Diethylphthalate	15.13	149	1836793	39.394 ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	880403	40.008 ng	98
62) 4-Nitroaniline	15.40	138	401770	37.823 ng	97
63) Azobenzene	15.63	77	1985649	40.471 ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	269309	34.937 ng	99
66) n-Nitrosodiphenylamine	15.56	169	1529818	40.849 ng	99
67) 4-Bromophenyl-phenylether	16.24	248	537477	41.434 ng	99
68) Hexachlorobenzene	16.34	284	639786	41.485 ng	98
69) Atrazine	16.53	200	499892	39.653 ng	98
70) Pentachlorophenol	16.70	266	351962	37.880 ng	98
71) Phenanthrene	17.09	178	2727470	39.558 ng	100
72) Anthracene	17.18	178	2703897	40.059 ng	100
73) Carbazole	17.46	167	2497515	39.203 ng	100
74) Di-n-butylphthalate	18.02	149	3177702	41.249 ng	100
75) Fluoranthene	19.12	202	3032418	38.329 ng	99
77) Benzidine	19.32	184	1275245	40.863 ng	100
78) Pyrene	19.48	202	3071826	44.121 ng	100
80) Butylbenzylphthalate	20.39	149	1399444	46.148 ng	98
81) Benzo(a)anthracene	21.23	228	2695510	39.046 ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1041453	39.161 ng	99
83) Chrysene	21.29	228	2589142	38.767 ng	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	2076258	47.062 ng	99
85) Di-n-octyl phthalate	22.03	149	3318642	44.672 ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2523755	35.104 ng	100
88) Benzo(b)fluoranthene	22.80	252	2434961	40.720 ng	99
89) Benzo(k)fluoranthene	22.85	252	2208701	40.158 ng	100
90) Benzo(a)pyrene	23.38	252	2123361	39.513 ng	100
91) Dibenzo(a,h)anthracene	25.74	278	2102342	40.897 ng	100
92) Benzo(g,h,i)perylene	26.41	276	1997525	42.324 ng	100

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

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