Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016457.D
Acq On : 18 Aug 2018 03:10
Operator : SJ/JU
Sample : J4500-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
Sohil
8/20/2018 4:17:09 PM

Quant Time: Aug 18 05:12:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 16:27:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	10970	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	50462	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	41603	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	115737	20.00	ng		0.00
75) Chrysene-d12	21.58	240	181859	20.00	ng		0.00
86) Perylene-d12	23.89	264	173816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	93823	143.73	ng		0.00
7) Phenol-d6	7.23	99	113529	129.39	ng		0.00
23) Nitrobenzene-d5	9.24	82	128629	106.16	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	122171	194.43	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	364861	91.19	ng		0.00
78) Terphenyl-d14	20.03	244	1137548	94.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	9968	30.493	ng	#	100
3) Pyridine	3.85	79	13976	21.237	ng	#	38
4) n-Nitrosodimethylamine	3.75	42	33206	43.791	ng	#	19
6) Aniline	7.39	93	27699	30.509	ng	#	85
8) 2-Chlorophenol	7.62	128	38576	47.934	ng		96
9) Benzaldehyde	7.21	77	17697	30.676	ng		81
10) Phenol	7.26	94	32300	38.005	ng	#	75
11) bis(2-Chloroethyl)ether	7.48	93	28447	44.089	ng		86
12) 1,3-Dichlorobenzene	7.94	146	36986	40.100	ng	#	82
13) 1,4-Dichlorobenzene	8.09	146	38361	41.142	ng	#	92
14) 1,2-Dichlorobenzene	8.40	146	38910	42.480	ng	#	88
15) Benzyl Alcohol	8.32	79	38385	48.200	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.57	45	34699	42.722	ng		87
17) 2-Methylphenol	8.52	107	30970	50.429	ng	#	73
18) Hexachloroethane	9.12	117	21442	44.656	ng		93
19) n-Nitroso-di-n-propylamine	8.87	70	30835	46.290	ng	#	56
20) 3+4-Methylphenols	8.85	107	41007	48.589	ng	#	82
22) Acetophenone	8.90	105	64146	47.397	ng	#	70
24) Nitrobenzene	9.29	77	54520	46.678	ng		94
25) Isophorone	9.80	82	90687	56.115	ng	#	91
26) 2-Nitrophenol	10.00	139	21977	44.729	ng	#	23
27) 2,4-Dimethylphenol	10.05	122	39892	60.733	ng	#	75
28) bis(2-Chloroethoxy)methane	10.28	93	47877	51.214	ng		95
29) 2,4-Dichlorophenol	10.53	162	47694	53.711	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	47470	45.207	ng		96
31) Naphthalene	10.92	128	133684	52.235	ng		99
32) Benzoic acid	10.25	122	24230	45.416	ng	#	72
33) 4-Chloroaniline	11.06	127	16754	15.274	ng	#	84
34) Hexachlorobutadiene	11.17	225	39914	44.098	ng		97
35) Caprolactam	11.87	113	9277m	40.752	ng		
36) 4-Chloro-3-methylphenol	12.17	107	56171	55.473	ng		88
37) 2-Methylnaphthalene	12.52	142	115311	60.734	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	74129	43.525	ng	#	100
40) Hexachlorocyclopentadiene	12.84	237	59005	79.113	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	48286	45.361	ng		98
43) 2,4,5-Trichlorophenol	13.22	196	53280	51.304	ng	#	84
45) 1,1'-Biphenyl	13.53	154	166840	43.328	ng		100
46) 2-Chloronaphthalene	13.58	162	128996	42.940	ng	#	87
47) 2-Nitroaniline	13.80	65	49499	47.515	ng	#	71
48) Acenaphthylene	14.42	152	225890	50.008	ng		98
49) Dimethylphthalate	14.16	163	202376	49.604	ng		99
50) 2,6-Dinitrotoluene	14.30	165	38679	49.950	ng	#	25
51) Acenaphthene	14.76	154	131270	48.155	ng		95
52) 3-Nitroaniline	14.64	138	23639	30.984	ng	#	66
53) 2,4-Dinitrophenol	14.86	184	46863	111.955	ng	#	55
54) Dibenzofuran	15.10	168	237175	49.378	ng	#	78
55) 4-Nitrophenol	14.96	139	47355	95.024	ng	#	81
56) 2,4-Dinitrotoluene	15.10	165	66970	51.738	ng	#	66
57) Fluorene	15.74	166	198772	54.166	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.33	232	55421	56.958	ng	#	100
59) Diethylphthalate	15.51	149	235534	50.877	ng		96
60) 4-Chlorophenyl-phenylether	15.73	204	111431	47.998	ng	#	81
61) 4-Nitroaniline	15.80	138	37849	51.309	ng	#	1
62) Azobenzene	16.03	77	265142	49.663	ng	#	70
64) 4,6-Dinitro-2-methylphenol	15.86	198	36550	45.287	ng		87
65) n-Nitrosodiphenylamine	15.96	169	171924	43.899	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	67818	43.566	ng	#	74
67) Hexachlorobenzene	16.74	284	68092	44.574	ng	#	58
68) Atrazine	16.90	200	79749	55.547	ng		97
69) Pentachlorophenol	17.09	266	73262	83.759	ng		97
70) Phenanthrene	17.48	178	331093	50.492	ng		97
71) Anthracene	17.57	178	341489	52.460	ng		98
72) Carbazole	17.85	167	297755	47.259	ng	#	96
73) Di-n-butylphthalate	18.37	149	449046	49.662	ng	#	95
74) Fluoranthene	19.48	202	445123	56.193	ng		96
76) Benzidine	19.67	184	22517	5.626	ng		97
77) Pyrene	19.84	202	467746	38.976	ng		99
79) Butylbenzylphthalate	20.70	149	240756	42.804	ng	#	78
80) Benzo(a)anthracene	21.57	228	576939	49.034	ng		99
81) 3,3'-Dichlorobenzidine	21.50	252	123423	29.465	ng	#	98
82) Chrysene	21.62	228	532358	48.144	ng		99
83) Bis(2-ethylhexyl)phthalate	21.46	149	372454	46.420	ng		92
84) Di-n-octyl phthalate	22.35	149	648115	53.854	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.25	276	672782	74.384	ng		98
87) Benzo(b)fluoranthene	23.19	252	562714	48.874	ng	#	93
88) Benzo(k)fluoranthene	23.24	252	556438	48.360	ng	#	95
89) Benzo(a)pyrene	23.79	252	535892	51.420	ng	#	97
90) Dibenzo(a,h)anthracene	26.24	278	576069	61.640	ng	#	91
91) Benzo(g,h,i)perylene	26.97	276	497558	59.235	ng	#	87

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

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