Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016437.D
Acq On : 17 Aug 2018 13:48
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
8/20/2018 4:17:05 PM

Quant Time: Aug 17 15:04:21 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 14:37:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21267	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	87633	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	56132	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	128985	20.00	ng		0.00
75) Chrysene-d12	21.59	240	135282	20.00	ng		0.00
86) Perylene-d12	23.90	264	103647	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	99903	78.03	ng		0.00
7) Phenol-d6	7.23	99	130940	78.31	ng		0.00
23) Nitrobenzene-d5	9.25	82	180162	95.62	ng		0.00
41) 2,4,6-Tribromophenol	16.20	330	66387	93.25	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	420003	91.04	ng		0.00
78) Terphenyl-d14	20.03	244	697082	107.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	23323	38.881	ng	#	100
3) Pyridine	3.84	79	49333m	34.139	ng		
4) n-Nitrosodimethylamine	3.76	42	56034m	49.715	ng		
6) Aniline	7.39	93	70625	36.686	ng	#	86
8) 2-Chlorophenol	7.62	128	61213	40.229	ng		98
9) Benzaldehyde	7.21	77	46052	39.203	ng		84
10) Phenol	7.26	94	64455	38.553	ng		86
11) bis(2-Chloroethyl)ether	7.49	93	49293	37.322	ng		90
12) 1,3-Dichlorobenzene	7.94	146	70956	39.839	ng	#	84
13) 1,4-Dichlorobenzene	8.09	146	73628	40.760	ng	#	94
14) 1,2-Dichlorobenzene	8.41	146	73011	41.308	ng	#	93
15) Benzyl Alcohol	8.32	79	59924	45.011	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.59	45	61885	30.615	ng		91
17) 2-Methylphenol	8.52	107	46983	41.115	ng	#	75
18) Hexachloroethane	9.12	117	37749	48.345	ng		95
19) n-Nitroso-di-n-propylamine	8.88	70	52950	43.328	ng	#	62
20) 3+4-Methylphenols	8.85	107	66143	40.230	ng	#	82
22) Acetophenone	8.90	105	100059	45.345	ng	#	73
24) Nitrobenzene	9.29	77	86511	45.616	ng	#	94
25) Isophorone	9.80	82	118656	46.041	ng	#	93
26) 2-Nitrophenol	10.00	139	36945	46.666	ng	#	30
27) 2,4-Dimethylphenol	10.05	122	49350	44.742	ng	#	76
28) bis(2-Chloroethoxy)methane	10.29	93	67872	40.519	ng		98
29) 2,4-Dichlorophenol	10.53	162	62453	47.650	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	74142	46.558	ng	#	94
31) Naphthalene	10.92	128	178520	40.251	ng		98
32) Benzoic acid	10.25	122	40132	47.730	ng	#	86
33) 4-Chloroaniline	11.05	127	76298	42.156	ng	#	82
34) Hexachlorobutadiene	11.17	225	63465	57.454	ng		96
35) Caprolactam	11.88	113	15972	43.999	ng		91
36) 4-Chloro-3-methylphenol	12.17	107	68847	47.758	ng		86
37) 2-Methylnaphthalene	12.53	142	130565	43.946	ng	#	80
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	89553	46.862	ng	#	100
40) Hexachlorocyclopentadiene	12.85	237	27683	35.487	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	55116	46.098	ng		99
43) 2,4,5-Trichlorophenol	13.22	196	55028	44.619	ng	#	78
45) 1,1'-Biphenyl	13.53	154	204219	40.314	ng		99
46) 2-Chloronaphthalene	13.59	162	160175	40.653	ng	#	87
47) 2-Nitroaniline	13.81	65	55958	42.958	ng	#	71
48) Acenaphthylene	14.43	152	239967	41.604	ng		98
49) Dimethylphthalate	14.16	163	214313	43.627	ng	#	99
50) 2,6-Dinitrotoluene	14.30	165	41780	42.270	ng	#	27
51) Acenaphthene	14.77	154	145105	40.905	ng		94
52) 3-Nitroaniline	14.64	138	41154	38.549	ng	#	69
53) 2,4-Dinitrophenol	14.87	184	19492	52.900	ng	#	64
54) Dibenzofuran	15.10	168	262000	44.819	ng	#	77
55) 4-Nitrophenol	14.96	139	26735	34.933	ng	#	81
56) 2,4-Dinitrotoluene	15.10	165	68232	48.279	ng	#	64
57) Fluorene	15.75	166	199119	45.838	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.33	232	53431	50.404	ng	#	100
59) Diethylphthalate	15.52	149	249224	47.069	ng		95
60) 4-Chlorophenyl-phenylether	15.73	204	126689	52.389	ng	#	83
61) 4-Nitroaniline	15.81	138	40151	39.199	ng	#	1
62) Azobenzene	16.03	77	289056	51.837	ng	#	69
64) 4,6-Dinitro-2-methylphenol	15.87	198	37487	47.882	ng		86
65) n-Nitrosodiphenylamine	15.96	169	179760	42.324	ng		99
66) 4-Bromophenyl-phenylether	16.63	248	72075	49.348	ng	#	68
67) Hexachlorobenzene	16.74	284	70723	43.971	ng	#	50
68) Atrazine	16.90	200	67556	44.379	ng		96
69) Pentachlorophenol	17.10	266	40003	40.165	ng		94
70) Phenanthrene	17.49	178	297032	41.132	ng		98
71) Anthracene	17.58	178	297186	42.344	ng		97
72) Carbazole	17.86	167	288304	39.652	ng	#	95
73) Di-n-butylphthalate	18.38	149	414764	45.779	ng	#	95
74) Fluoranthene	19.49	202	350027	43.453	ng		96
76) Benzidine	19.67	184	111984	29.623	ng		97
77) Pyrene	19.84	202	365278	45.057	ng		98
79) Butylbenzylphthalate	20.71	149	173599	42.152	ng	#	74
80) Benzo(a)anthracene	21.57	228	348649	41.844	ng		98
81) 3,3'-Dichlorobenzidine	21.50	252	127397	37.960	ng		99
82) Chrysene	21.62	228	326878	40.897	ng		99
83) Bis(2-ethylhexyl)phthalate	21.46	149	240165	40.238	ng		92
84) Di-n-octyl phthalate	22.36	149	357217	35.610	ng	#	86
85) Indeno(1,2,3-cd)pyrene	26.24	276	263806	27.814	ng		100
87) Benzo(b)fluoranthene	23.20	252	269912	44.230	ng	#	93
88) Benzo(k)fluoranthene	23.24	252	268204	43.367	ng	#	94
89) Benzo(a)pyrene	23.80	252	245856	41.908	ng	#	97
90) Dibenzo(a,h)anthracene	26.24	278	221826	36.495	ng	#	92
91) Benzo(g,h,i)perylene	26.97	276	201497	35.051	ng	#	88

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

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