Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
Data File : BM016367.D
Acq On : 15 Aug 2018 00:29
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 15 11:32:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 11:23:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	32577	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	140167	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	80185	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	184910	20.00	ng		0.00
75) Chrysene-d12	21.62	240	196956	20.00	ng		0.00
86) Perylene-d12	23.95	264	157451	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	160139	81.66	ng		0.00
7) Phenol-d6	7.29	99	208538	81.42	ng		0.00
23) Nitrobenzene-d5	9.30	82	268397	89.06	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	88716	87.23	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	602055	91.36	ng		0.00
78) Terphenyl-d14	20.07	244	1046863	111.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	36339	39.548	ng	#	100
3) Pyridine	3.88	79	84398	38.128	ng	#	66
4) n-Nitrosodimethylamine	3.79	42	81318	47.100	ng	#	24
6) Aniline	7.45	93	113836	38.603	ng	#	87
8) 2-Chlorophenol	7.67	128	91652	39.322	ng		95
9) Benzaldehyde	7.26	77	71019	39.467	ng		91
10) Phenol	7.31	94	100007	39.050	ng		85
11) bis(2-Chloroethyl)ether	7.54	93	77625	38.368	ng		89
12) 1,3-Dichlorobenzene	8.00	146	104075	38.147	ng	#	85
13) 1,4-Dichlorobenzene	8.15	146	106762	38.584	ng	#	93
14) 1,2-Dichlorobenzene	8.47	146	106851	39.466	ng	#	92
15) Benzyl Alcohol	8.37	79	89068	43.675	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.65	45	101648	32.828	ng		93
17) 2-Methylphenol	8.57	107	70972	40.546	ng	#	80
18) Hexachloroethane	9.18	117	52290	43.718	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	75992	40.595	ng	#	66
20) 3+4-Methylphenols	8.91	107	98048	38.932	ng	#	83
22) Acetophenone	8.96	105	144035	40.810	ng	#	81
24) Nitrobenzene	9.35	77	124026	40.886	ng		95
25) Isophorone	9.86	82	173583	42.110	ng	#	90
26) 2-Nitrophenol	10.05	139	52841	41.729	ng	#	41
27) 2,4-Dimethylphenol	10.10	122	70666	40.056	ng	#	71
28) bis(2-Chloroethoxy)methane	10.34	93	101958	38.055	ng		97
29) 2,4-Dichlorophenol	10.59	162	89147	42.524	ng		93
30) 1,2,4-Trichlorobenzene	10.79	180	105251	41.321	ng	#	97
31) Naphthalene	10.98	128	274300	38.666	ng		100
32) Benzoic acid	10.31	122	57789	42.971	ng	#	85
33) 4-Chloroaniline	11.10	127	119147	41.158	ng	#	86
34) Hexachlorobutadiene	11.23	225	85215	48.231	ng		98
35) Caprolactam	11.93	113	25410	43.763	ng		90
36) 4-Chloro-3-methylphenol	12.23	107	100767	43.702	ng		84
37) 2-Methylnaphthalene	12.58	142	196411	41.331	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	120907	44.290	ng	#	100
40) Hexachlorocyclopentadiene	12.90	237	17355	19.382	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	78495	45.958	ng		99
43) 2,4,5-Trichlorophenol	13.27	196	80644	45.775	ng	#	82
45) 1,1'-Biphenyl	13.59	154	293444	40.551	ng		98
46) 2-Chloronaphthalene	13.63	162	226526	40.247	ng	#	88
47) 2-Nitroaniline	13.86	65	80987	43.523	ng	#	73
48) Acenaphthylene	14.48	152	344867	41.855	ng		99
49) Dimethylphthalate	14.21	163	294930	42.028	ng		99
50) 2,6-Dinitrotoluene	14.35	165	59217	41.940	ng	#	33
51) Acenaphthene	14.82	154	202316	39.924	ng		96
52) 3-Nitroaniline	14.69	138	61009	40.005	ng	#	72
53) 2,4-Dinitrophenol	14.92	184	22446	40.310	ng	#	59
54) Dibenzofuran	15.15	168	355083	42.521	ng	#	79
55) 4-Nitrophenol	15.00	139	41489	37.950	ng		91
56) 2,4-Dinitrotoluene	15.15	165	94000	46.560	ng	#	64
57) Fluorene	15.80	166	271553	43.761	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.38	232	70274	46.407	ng	#	100
59) Diethylphthalate	15.56	149	338341	44.732	ng		94
60) 4-Chlorophenyl-phenylether	15.78	204	159285	46.110	ng	#	80
61) 4-Nitroaniline	15.86	138	60601	41.417	ng	#	1
62) Azobenzene	16.07	77	371428	46.628	ng	#	71
64) 4,6-Dinitro-2-methylphenol	15.91	198	39478	35.174	ng	#	81
65) n-Nitrosodiphenylamine	16.00	169	246798	40.533	ng		96
66) 4-Bromophenyl-phenylether	16.67	248	91982	43.930	ng	#	68
67) Hexachlorobenzene	16.79	284	93379	40.498	ng	#	59
68) Atrazine	16.94	200	93500	42.846	ng		98
69) Pentachlorophenol	17.14	266	55607	38.946	ng		98
70) Phenanthrene	17.53	178	411063	39.707	ng		98
71) Anthracene	17.62	178	414572	41.204	ng		98
72) Carbazole	17.90	167	413881	39.707	ng		97
73) Di-n-butylphthalate	18.42	149	583512	44.925	ng	#	96
74) Fluoranthene	19.52	202	487873	42.248	ng		98
76) Benzidine	19.71	184	219942	39.962	ng		99
77) Pyrene	19.89	202	511496	43.336	ng		99
79) Butylbenzylphthalate	20.74	149	288184	48.063	ng	#	77
80) Benzo(a)anthracene	21.60	228	488408	40.262	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	191690	39.232	ng		98
82) Chrysene	21.66	228	457439	39.311	ng		99
83) Bis(2-ethylhexyl)phthalate	21.49	149	435351	50.099	ng		91
84) Di-n-octyl phthalate	22.39	149	653022	44.713	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.33	276	440156	31.876	ng		98
87) Benzo(b)fluoranthene	23.24	252	391929	42.278	ng	#	95
88) Benzo(k)fluoranthene	23.29	252	390270	41.540	ng	#	97
89) Benzo(a)pyrene	23.85	252	362000	40.620	ng		98
90) Dibenzo(a,h)anthracene	26.33	278	377243	40.856	ng	#	92
91) Benzo(g,h,i)perylene	27.06	276	343538	39.338	ng	#	89

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

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