Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016454.D
Acq On : 18 Aug 2018 01:21
Operator : SJ/JU
Sample : J4521-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RT2286MSD

Quant Time: Aug 18 03:44:04 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	12598	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	52211	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	39701	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	108120	20.00	ng		0.00
75) Chrysene-d12	21.58	240	161280	20.00	ng		0.00
86) Perylene-d12	23.89	264	155340	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	116244	155.07	ng		0.00
7) Phenol-d6	7.23	99	146961	145.85	ng		0.00
23) Nitrobenzene-d5	9.25	82	142301	113.51	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	119589	199.44	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	371366	97.27	ng		0.00
78) Terphenyl-d14	20.03	244	1099880	103.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	12484	33.255	ng	#	100
3) Pyridine	3.85	79	21134	27.963	ng	#	59
4) n-Nitrosodimethylamine	3.75	42	38150	43.810	ng	#	23
6) Aniline	7.39	93	43961	42.163	ng	#	87
8) 2-Chlorophenol	7.62	128	45052	48.747	ng		95
9) Benzaldehyde	7.21	77	23344	35.236	ng	#	82
10) Phenol	7.26	94	42932	43.987	ng		81
11) bis(2-Chloroethyl)ether	7.48	93	32592	43.986	ng		89
12) 1,3-Dichlorobenzene	7.94	146	43320	40.898	ng	#	85
13) 1,4-Dichlorobenzene	8.09	146	43817	40.921	ng	#	91
14) 1,2-Dichlorobenzene	8.40	146	44965	42.746	ng	#	95
15) Benzyl Alcohol	8.32	79	45170	49.390	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.57	45	39968	42.851	ng		84
17) 2-Methylphenol	8.52	107	36127	51.224	ng	#	72
18) Hexachloroethane	9.12	117	22363	40.556	ng		97
19) n-Nitroso-di-n-propylamine	8.87	70	36681	47.950	ng	#	66
20) 3+4-Methylphenols	8.85	107	49858	51.442	ng	#	81
22) Acetophenone	8.90	105	73254	52.314	ng	#	74
24) Nitrobenzene	9.29	77	62194	51.464	ng	#	93
25) Isophorone	9.80	82	104430	62.454	ng	#	91
26) 2-Nitrophenol	9.99	139	25138	49.448	ng	#	22
27) 2,4-Dimethylphenol	10.05	122	44708	65.785	ng	#	72
28) bis(2-Chloroethoxy)methane	10.28	93	52539	54.318	ng		99
29) 2,4-Dichlorophenol	10.53	162	52197	56.813	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	49136	45.226	ng	#	95
31) Naphthalene	10.92	128	136544	51.565	ng		97
32) Benzoic acid	10.25	122	25489	46.176	ng	#	85
33) 4-Chloroaniline	11.05	127	31350	27.624	ng	#	79
34) Hexachlorobutadiene	11.17	225	38149	40.736	ng		98
35) Caprolactam	11.87	113	10809	45.891	ng	#	91
36) 4-Chloro-3-methylphenol	12.17	107	59853	57.130	ng	#	82
37) 2-Methylnaphthalene	12.52	142	114061	58.063	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	70842	43.588	ng	#	100
40) Hexachlorocyclopentadiene	12.84	237	56412	79.216	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	47415	46.677 ng		96
43) 2,4,5-Trichlorophenol	13.22	196	50155	50.609 ng	#	81
45) 1,1'-Biphenyl	13.53	154	163685	44.545 ng		98
46) 2-Chloronaphthalene	13.58	162	125990	43.949 ng	#	86
47) 2-Nitroaniline	13.80	65	51609	51.914 ng	#	69
48) Acenaphthylene	14.42	152	224061	51.979 ng		98
49) Dimethylphthalate	14.16	163	207287	53.242 ng		99
50) 2,6-Dinitrotoluene	14.30	165	38381	51.939 ng	#	25
51) Acenaphthene	14.76	154	126758	48.728 ng		96
52) 3-Nitroaniline	14.64	138	27076	37.189 ng	#	66
53) 2,4-Dinitrophenol	14.86	184	34477	88.011 ng	#	52
54) Dibenzofuran	15.10	168	237947	51.912 ng	#	76
55) 4-Nitrophenol	14.96	139	52003	109.351 ng	#	77
56) 2,4-Dinitrotoluene	15.10	165	68860	55.747 ng	#	64
57) Fluorene	15.74	166	197080	56.278 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.33	232	53906	58.055 ng	#	100
59) Diethylphthalate	15.51	149	239386	54.186 ng		94
60) 4-Chlorophenyl-phenylether	15.73	204	108788	49.104 ng	#	85
61) 4-Nitroaniline	15.80	138	37810	53.712 ng	#	1
62) Azobenzene	16.03	77	276732	54.317 ng	#	69
64) 4,6-Dinitro-2-methylphenol	15.86	198	30675	40.685 ng	#	83
65) n-Nitrosodiphenylamine	15.96	169	169524	46.335 ng		96
66) 4-Bromophenyl-phenylether	16.62	248	64719	44.505 ng	#	73
67) Hexachlorobenzene	16.74	284	63828	44.727 ng	#	58
68) Atrazine	16.90	200	78276	58.362 ng		96
69) Pentachlorophenol	17.09	266	73093	89.453 ng		96
70) Phenanthrene	17.48	178	332710	54.313 ng		99
71) Anthracene	17.57	178	344244	56.609 ng		97
72) Carbazole	17.85	167	300114	50.989 ng	#	96
73) Di-n-butylphthalate	18.37	149	443927	52.555 ng	#	95
74) Fluoranthene	19.48	202	445482	60.200 ng		97
76) Benzidine	19.67	184	733423	206.619 ng		98
77) Pyrene	19.84	202	452806	42.545 ng		99
79) Butylbenzylphthalate	20.71	149	242213	48.558 ng	#	77
80) Benzo(a)anthracene	21.57	228	559455	53.615 ng		99
81) 3,3'-Dichlorobenzidine	21.50	252	112062	30.166 ng		97
82) Chrysene	21.62	228	515736	52.592 ng		100
83) Bis(2-ethylhexyl)phthalate	21.46	149	371263	52.176 ng	#	90
84) Di-n-octyl phthalate	22.35	149	663230	62.142 ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.25	276	660188	82.305 ng		98
87) Benzo(b)fluoranthene	23.20	252	542340	52.707 ng	#	92
88) Benzo(k)fluoranthene	23.24	252	549019	53.390 ng	#	95
89) Benzo(a)pyrene	23.79	252	528806	56.775 ng	#	98
90) Dibenzo(a,h)anthracene	26.24	278	564010	67.527 ng	#	92
91) Benzo(g,h,i)perylene	26.97	276	480000	63.941 ng	#	85

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

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