Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121620\
Data File : BM028132.D
Acq On : 15 Dec 2020 18:09
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Dec 16 00:49:36 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 00:46:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.216	152	203941	20.00	ng		0.00
21) Naphthalene-d8	11.045	136	847396	20.00	ng		# 0.00
39) Acenaphthene-d10	14.845	164	508723	20.00	ng		0.00
64) Phenanthrene-d10	17.557	188	1057778	20.00	ng		# 0.00
76) Chrysene-d12	21.674	240	948662	20.00	ng		# 0.00
86) Perylene-d12	24.039	264	854516	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.711	112	891972	69.11	ng		0.00
7) Phenol-d6	7.357	99	1262623	69.60	ng		0.00
23) Nitrobenzene-d5	9.399	82	1213382	65.32	ng		0.00
42) 2,4,6-Tribromophenol	16.316	330	492425	81.06	ng		0.00
45) 2-Fluorobiphenyl	13.475	172	2767006	77.61	ng		0.00
79) Terphenyl-d14	20.133	244	3861452	80.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	180297	32.53	ng	#	68
3) Pyridine	3.899	79	515449	32.44	ng	#	50
4) n-Nitrosodimethylamine	3.805	42	273181	27.73	ng	#	62
6) Aniline	7.534	93	705019	34.45	ng		97
8) 2-Chlorophenol	7.769	128	512861	39.57	ng		97
9) Benzaldehyde	7.340	77	323604	34.64	ng		82
10) Phenol	7.387	94	597654	34.84	ng		86
11) bis(2-Chloroethyl)ether	7.628	93	499024	37.89	ng		90
12) 1,3-Dichlorobenzene	8.104	146	601978	38.06	ng	#	92
13) 1,4-Dichlorobenzene	8.252	146	608637	38.28	ng		98
14) 1,2-Dichlorobenzene	8.575	146	586407	38.77	ng		98
15) Benzyl Alcohol	8.457	79	445780	30.70	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.746	45	901342	42.80	ng		69
17) 2-Methylphenol	8.657	107	421844	36.58	ng	#	88
18) Hexachloroethane	9.316	117	231294	36.74	ng		90
19) n-Nitroso-di-n-propyla...	9.034	70	397858	33.53	ng	#	66
20) 3+4-Methylphenols	8.987	107	564982	36.85	ng		90
22) Acetophenone	9.052	105	759485	31.56	ng	#	87
24) Nitrobenzene	9.440	77	586089	30.68	ng	#	87
25) Isophorone	9.963	82	1009175	31.31	ng		96
26) 2-Nitrophenol	10.151	139	271391	43.17	ng	#	82
27) 2,4-Dimethylphenol	10.198	122	407261	33.01	ng		89
28) bis(2-Chloroethoxy)met...	10.440	93	709193	36.57	ng		98
29) 2,4-Dichlorophenol	10.687	162	486772	36.46	ng		99
30) 1,2,4-Trichlorobenzene	10.904	180	554881	34.12	ng		97
31) Naphthalene	11.098	128	1680043	37.51	ng		99
32) Benzoic acid	10.346	122	342773	47.20	ng	#	85
33) 4-Chloroaniline	11.198	127	715070	36.29	ng		92
34) Hexachlorobutadiene	11.375	225	330864	31.37	ng		99
35) Caprolactam	11.992	113	157055	35.28	ng	#	55
36) 4-Chloro-3-methylphenol	12.304	107	507289	32.67	ng		92
37) 2-Methylnaphthalene	12.687	142	1180093	37.14	ng		96
38) 1-Methylnaphthalene	12.904	142	1122730	37.27	ng		100
40) 1,2,4,5-Tetrachloroben...	13.051	216	570097	35.46	ng		99
41) Hexachlorocyclopentadiene	13.028	237	314311	35.94	ng		99
43) 2,4,6-Trichlorophenol	13.281	196	393781	37.69	ng		99

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44) 2,4,5-Trichlorophenol	13.351	196	408382	36.50	ng		97
46) 1,1'-Biphenyl	13.681	154	1490975	38.36	ng		99
47) 2-Chloronaphthalene	13.728	162	1204397	37.41	ng		98
48) 2-Nitroaniline	13.922	65	382441	35.30	ng		91
49) Acenaphthylene	14.569	152	1830371	37.64	ng		100
50) Dimethylphthalate	14.292	163	1477656	36.25	ng		100
51) 2,6-Dinitrotoluene	14.410	165	315388	39.39	ng		92
52) Acenaphthene	14.910	154	1228670	38.55	ng		98
53) 3-Nitroaniline	14.739	138	357977	39.42	ng		91
54) 2,4-Dinitrophenol	14.939	184	178213	52.70	ng		93
55) Dibenzofuran	15.233	168	1741014	36.70	ng		99
56) 4-Nitrophenol	15.028	139	280999	38.17	ng	#	75
57) 2,4-Dinitrotoluene	15.192	165	428074	39.45	ng		91
58) Fluorene	15.880	166	1428201	36.74	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.451	232	372533	37.93	ng		94
60) Diethylphthalate	15.639	149	1539144	37.05	ng		98
61) 4-Chlorophenyl-phenyle...	15.863	204	717243	35.84	ng		95
62) 4-Nitroaniline	15.892	138	389150	37.81	ng	#	80
63) Azobenzene	16.157	77	1432695	33.29	ng		91
65) 4,6-Dinitro-2-methylph...	15.945	198	223134	52.41	ng	#	75
66) n-Nitrosodiphenylamine	16.075	169	1242172	38.91	ng		98
67) 4-Bromophenyl-phenylether	16.751	248	451123	39.88	ng		95
68) Hexachlorobenzene	16.875	284	508863	38.78	ng		97
69) Atrazine	17.010	200	408707	37.82	ng		99
70) Pentachlorophenol	17.204	266	299348	42.10	ng		100
71) Phenanthrene	17.604	178	2228035	37.32	ng		99
72) Anthracene	17.692	178	2184844	37.43	ng		99
73) Carbazole	17.957	167	2032114	36.63	ng		99
74) Di-n-butylphthalate	18.492	149	2705506	41.53	ng		99
75) Fluoranthene	19.586	202	2482707	35.39	ng		96
77) Benzidine	19.757	184	999906	37.04	ng		99
78) Pyrene	19.945	202	2550941	38.76	ng		99
80) Butylbenzylphthalate	20.804	149	1169067	46.95	ng		98
81) Benzo(a)anthracene	21.657	228	2295260	35.84	ng		100
82) 3,3'-Dichlorobenzidine	21.580	252	753570	34.29	ng	#	98
83) Chrysene	21.709	228	2202090	35.65	ng		100
84) Bis(2-ethylhexyl)phtha...	21.562	149	1680812	46.17	ng		97
85) Di-n-octyl phthalate	22.474	149	2655684	43.23	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.486	276	1999148	32.00	ng	#	89
88) Benzo(b)fluoranthene	23.327	252	2062380	35.40	ng	#	97
89) Benzo(k)fluoranthene	23.368	252	2059915	37.15	ng	#	96
90) Benzo(a)pyrene	23.939	252	1865129	34.69	ng	#	96
91) Dibenzo(a,h)anthracene	26.492	278	1676447	32.82	ng	#	93
92) Benzo(g,h,i)perylene	27.239	276	1599779	32.01	ng	#	91

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

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