Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121620\
Data File : BM028135.D
Acq On : 15 Dec 2020 19:58
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC080

Quant Time: Dec 16 00:51:21 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	183752	20.00	ng	0.00
21) Naphthalene-d8	11.045	136	731927	20.00	ng	# 0.00
39) Acenaphthene-d10	14.845	164	446671	20.00	ng	0.00
64) Phenanthrene-d10	17.563	188	940313	20.00	ng	# 0.00
76) Chrysene-d12	21.674	240	934329	20.00	ng	# 0.00
86) Perylene-d12	24.039	264	884519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.711	112	1586383	136.41	ng	0.00
7) Phenol-d6	7.363	99	2319550	141.91	ng	0.00
23) Nitrobenzene-d5	9.404	82	2246053	139.99	ng	0.00
42) 2,4,6-Tribromophenol	16.322	330	928576	174.10	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	5002172	159.80	ng	0.00
79) Terphenyl-d14	20.139	244	6963802	147.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	303982	60.87	ng	# 68
3) Pyridine	3.893	79	948449	66.26	ng	# 51
4) n-Nitrosodimethylamine	3.799	42	480841	54.18	ng	# 61
6) Aniline	7.534	93	1319124	71.54	ng	96
8) 2-Chlorophenol	7.775	128	930785	79.71	ng	97
10) Phenol	7.393	94	1100725	71.22	ng	86
11) bis(2-Chloroethyl)ether	7.628	93	900696	75.91	ng	91
12) 1,3-Dichlorobenzene	8.104	146	1066063	74.81	ng	# 92
13) 1,4-Dichlorobenzene	8.252	146	1080609	75.43	ng	98
14) 1,2-Dichlorobenzene	8.581	146	1052384	77.23	ng	98
15) Benzyl Alcohol	8.463	79	838083	64.07	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.752	45	1605301	84.61	ng	70
17) 2-Methylphenol	8.657	107	782606	75.31	ng	# 88
18) Hexachloroethane	9.316	117	415305	73.22	ng	90
19) n-Nitroso-di-n-propyla...	9.046	70	743322	69.53	ng	# 65
20) 3+4-Methylphenols	8.999	107	1071225	77.54	ng	89
22) Acetophenone	9.057	105	1403993	67.54	ng	# 90
24) Nitrobenzene	9.446	77	1089776	66.04	ng	# 87
25) Isophorone	9.969	82	1907504	68.52	ng	95
26) 2-Nitrophenol	10.151	139	521327	96.02	ng	# 83
27) 2,4-Dimethylphenol	10.204	122	757404	71.08	ng	89
28) bis(2-Chloroethoxy)met...	10.446	93	1305251	77.93	ng	99
29) 2,4-Dichlorophenol	10.687	162	910102	78.91	ng	98
30) 1,2,4-Trichlorobenzene	10.910	180	1022539	72.80	ng	99
31) Naphthalene	11.098	128	3086726	79.79	ng	99
33) 4-Chloroaniline	11.204	127	1348824	79.26	ng	# 92
34) Hexachlorobutadiene	11.375	225	597628	65.60	ng	99
35) Caprolactam	12.028	113	318594	82.86	ng	# 56
36) 4-Chloro-3-methylphenol	12.310	107	977416	72.89	ng	92
37) 2-Methylnaphthalene	12.692	142	2202437	80.26	ng	96
38) 1-Methylnaphthalene	12.910	142	2090584	80.36	ng	100
40) 1,2,4,5-Tetrachloroben...	13.051	216	1059046	75.03	ng	99
41) Hexachlorocyclopentadiene	13.028	237	594522	77.42	ng	100
43) 2,4,6-Trichlorophenol	13.287	196	748913	81.65	ng	98
44) 2,4,5-Trichlorophenol	13.357	196	777304	79.13	ng	97
46) 1,1'-Biphenyl	13.686	154	2776628	81.35	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.734	162	2255915	79.80	ng		98
48) 2-Nitroaniline	13.928	65	752303	79.08	ng		88
49) Acenaphthylene	14.575	152	3468551	81.24	ng		100
50) Dimethylphthalate	14.298	163	2781112	77.71	ng		100
51) 2,6-Dinitrotoluene	14.416	165	612525	87.13	ng		89
52) Acenaphthene	14.910	154	2350100	83.97	ng		99
53) 3-Nitroaniline	14.745	138	710276	89.09	ng		91
54) 2,4-Dinitrophenol	14.945	184	383764	129.26	ng		91
55) Dibenzofuran	15.239	168	3271383	78.55	ng		99
56) 4-Nitrophenol	15.033	139	572739	88.60	ng	#	75
57) 2,4-Dinitrotoluene	15.198	165	843970	88.59	ng		90
58) Fluorene	15.880	166	2670466	78.23	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.457	232	716759	83.11	ng		94
60) Diethylphthalate	15.645	149	2904582	79.63	ng		99
61) 4-Chlorophenyl-phenyle...	15.869	204	1318627	75.04	ng		96
62) 4-Nitroaniline	15.904	138	787165	87.11	ng	#	81
63) Azobenzene	16.157	77	2690841	71.21	ng		90
65) 4,6-Dinitro-2-methylph...	15.957	198	464700	122.79	ng		84
66) n-Nitrosodiphenylamine	16.080	169	2355571	83.01	ng		98
67) 4-Bromophenyl-phenylether	16.751	248	843359	83.86	ng		93
68) Hexachlorobenzene	16.875	284	953360	81.74	ng		96
69) Atrazine	17.016	200	746913	77.74	ng		99
70) Pentachlorophenol	17.210	266	598286	94.66	ng		99
71) Phenanthrene	17.604	178	4205050	79.24	ng		100
72) Anthracene	17.698	178	4160670	80.19	ng		99
73) Carbazole	17.957	167	3961377	80.33	ng		99
74) Di-n-butylphthalate	18.498	149	5103143	88.12	ng		99
75) Fluoranthene	19.586	202	4796269	76.90	ng		94
77) Benzidine	19.757	184	1787299	67.21	ng		100
78) Pyrene	19.945	202	4918864	75.89	ng		99
80) Butylbenzylphthalate	20.804	149	2394203	97.62	ng		98
81) Benzo(a)anthracene	21.662	228	4657346	73.84	ng		99
82) 3,3'-Dichlorobenzidine	21.586	252	1508512	69.70	ng	#	99
83) Chrysene	21.715	228	4488032	73.77	ng		99
84) Bis(2-ethylhexyl)phtha...	21.562	149	3463909	96.62	ng		98
85) Di-n-octyl phthalate	22.474	149	5727167	94.65	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.497	276	4123550	63.77	ng	#	89
88) Benzo(b)fluoranthene	23.333	252	4427400	73.42	ng	#	97
89) Benzo(k)fluoranthene	23.380	252	4425517	77.10	ng	#	96
90) Benzo(a)pyrene	23.945	252	4044115	72.68	ng	#	96
91) Dibenzo(a,h)anthracene	26.509	278	3432468	64.92	ng	#	93
92) Benzo(g,h,i)perylene	27.250	276	3274929	63.30	ng	#	90

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

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