Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110320\
Data File : BM027688.D
Acq On : 03 Nov 2020 14:11
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Nov 03 14:59:04 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 17:56:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.398	152	53586	20.00	ng		0.00
21) Naphthalene-d8	11.245	136	206548	20.00	ng		# 0.00
39) Acenaphthene-d10	15.015	164	126911	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	269234	20.00	ng		0.00
76) Chrysene-d12	21.833	240	248583	20.00	ng		0.00
86) Perylene-d12	24.285	264	224222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	257738	76.00	ng		0.00
7) Phenol-d6	7.522	99	363096	76.18	ng		0.00
23) Nitrobenzene-d5	9.581	82	370541	81.84	ng		0.00
42) 2,4,6-Tribromophenol	16.480	330	125810	83.02	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	723613	81.36	ng		0.00
79) Terphenyl-d14	20.286	244	1063327	84.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	54550	37.46	ng	#	66
3) Pyridine	4.016	79	153592	36.79	ng	#	48
4) n-Nitrosodimethylamine	3.922	42	103374	39.94	ng	#	44
6) Aniline	7.704	93	201202	37.42	ng		97
8) 2-Chlorophenol	7.951	128	129279	37.96	ng		94
9) Benzaldehyde	7.510	77	95463	43.51	ng		94
10) Phenol	7.551	94	168300	37.34	ng		94
11) bis(2-Chloroethyl)ether	7.798	93	133931	38.71	ng		90
12) 1,3-Dichlorobenzene	8.286	146	158888	38.24	ng		96
13) 1,4-Dichlorobenzene	8.439	146	160489	38.42	ng		99
14) 1,2-Dichlorobenzene	8.763	146	154771	38.95	ng		98
15) Benzyl Alcohol	8.633	79	147442	38.65	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.928	45	218434	39.48	ng		73
17) 2-Methylphenol	8.834	107	115076	37.97	ng		99
18) Hexachloroethane	9.510	117	67431	40.77	ng		93
19) n-Nitroso-di-n-propyla...	9.216	70	121339	38.92	ng	#	64
20) 3+4-Methylphenols	9.163	107	152634	37.88	ng		98
22) Acetophenone	9.233	105	223594	38.12	ng	#	83
24) Nitrobenzene	9.622	77	185205	39.77	ng		97
25) Isophorone	10.145	82	300747	38.28	ng		99
26) 2-Nitrophenol	10.339	139	64865	42.33	ng		95
27) 2,4-Dimethylphenol	10.380	122	110381	36.71	ng		96
28) bis(2-Chloroethoxy)met...	10.628	93	185080	39.16	ng		99
29) 2,4-Dichlorophenol	10.875	162	129792	39.88	ng		97
30) 1,2,4-Trichlorobenzene	11.104	180	156007	39.36	ng		98
31) Naphthalene	11.298	128	419265	38.40	ng		99
32) Benzoic acid	10.510	122	75619	42.86	ng		98
33) 4-Chloroaniline	11.386	127	177259	36.91	ng		96
34) Hexachlorobutadiene	11.580	225	106416	41.39	ng		99
35) Caprolactam	12.151	113	39362	36.28	ng	#	41
36) 4-Chloro-3-methylphenol	12.474	107	144262	38.12	ng		97
37) 2-Methylnaphthalene	12.874	142	302657	39.08	ng		97
38) 1-Methylnaphthalene	13.092	142	287287	39.13	ng		100
40) 1,2,4,5-Tetrachloroben...	13.233	216	165202	41.19	ng		98
41) Hexachlorocyclopentadiene	13.216	237	98454	45.13	ng		99
43) 2,4,6-Trichlorophenol	13.457	196	109162	41.89	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.527	196	111449	39.93	ng	#	93
46) 1,1'-Biphenyl	13.857	154	383393	39.54	ng		99
47) 2-Chloronaphthalene	13.910	162	317111	39.48	ng		97
48) 2-Nitroaniline	14.092	65	118373	43.80	ng		96
49) Acenaphthylene	14.745	152	465360	38.36	ng		99
50) Dimethylphthalate	14.457	163	395539	38.90	ng		99
51) 2,6-Dinitrotoluene	14.574	165	82463	41.29	ng	#	90
52) Acenaphthene	15.080	154	315412	39.67	ng		99
53) 3-Nitroaniline	14.898	138	88642	39.13	ng		94
54) 2,4-Dinitrophenol	15.098	184	39808	47.19	ng	#	42
55) Dibenzofuran	15.410	168	454165	38.38	ng		97
56) 4-Nitrophenol	15.174	139	67801	36.91	ng		85
57) 2,4-Dinitrotoluene	15.345	165	112515	41.57	ng	#	87
58) Fluorene	16.045	166	377262	38.90	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.615	232	99430	40.58	ng	#	90
60) Diethylphthalate	15.804	149	414117	39.96	ng		98
61) 4-Chlorophenyl-phenyle...	16.033	204	200391	40.14	ng		93
62) 4-Nitroaniline	16.051	138	99826	38.88	ng		92
63) Azobenzene	16.321	77	424195	39.51	ng		84
65) 4,6-Dinitro-2-methylph...	16.104	198	52113	48.09	ng	#	74
66) n-Nitrosodiphenylamine	16.239	169	320541	39.45	ng		98
67) 4-Bromophenyl-phenylether	16.915	248	117775	40.90	ng	#	87
68) Hexachlorobenzene	17.039	284	132538	39.69	ng	#	89
69) Atrazine	17.168	200	112067	40.74	ng		97
70) Pentachlorophenol	17.368	266	77182	42.65	ng		96
71) Phenanthrene	17.768	178	591605	38.93	ng		99
72) Anthracene	17.862	178	573207	38.58	ng		100
73) Carbazole	18.115	167	529641	37.51	ng		98
74) Di-n-butylphthalate	18.656	149	701308	42.29	ng		99
75) Fluoranthene	19.745	202	686335	38.43	ng		100
77) Benzidine	19.903	184	215336	30.44	ng		97
78) Pyrene	20.103	202	700171	40.60	ng		99
80) Butylbenzylphthalate	20.956	149	306399	46.96	ng		92
81) Benzo(a)anthracene	21.815	228	655499	39.06	ng		100
82) 3,3'-Dichlorobenzidine	21.733	252	226043	39.26	ng	#	99
83) Chrysene	21.874	228	626084	38.68	ng		99
84) Bis(2-ethylhexyl)phtha...	21.715	149	445888	46.75	ng	#	96
85) Di-n-octyl phthalate	22.662	149	725113	45.04	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.844	276	629441	38.40	ng		97
88) Benzo(b)fluoranthene	23.538	252	595035	38.93	ng		99
89) Benzo(k)fluoranthene	23.591	252	604273	41.53	ng		99
90) Benzo(a)pyrene	24.180	252	550098	39.00	ng		99
91) Dibenzo(a,h)anthracene	26.856	278	518647	38.69	ng		98
92) Benzo(g,h,i)perylene	27.626	276	508646	38.79	ng		98

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

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