Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
Data File : BM027668.D
Acq On : 02 Nov 2020 09:19
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/3/2020 10:02:36 AM

Quant Time: Nov 02 10:16:21 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	8.404	152	27702	20.00	ng		0.00
21) Naphthalene-d8	11.245	136	111286	20.00	ng		# 0.00
39) Acenaphthene-d10	15.016	164	72361	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	163432	20.00	ng		0.00
76) Chrysene-d12	21.827	240	162215	20.00	ng		0.00
86) Perylene-d12	24.280	264	167318	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	135460	77.26	ng		0.00
7) Phenol-d6	7.522	99	188222	76.39	ng		0.00
23) Nitrobenzene-d5	9.575	82	192384	78.86	ng		0.00
42) 2,4,6-Tribromophenol	16.474	330	67521	78.14	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	380171	74.97	ng		0.00
79) Terphenyl-d14	20.280	244	609822	74.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	28622	38.02	ng	#	64
3) Pyridine	4.016	79	85772	39.75	ng	#	43
4) n-Nitrosodimethylamine	3.922	42	56102	41.93	ng	#	45
6) Aniline	7.704	93	107327	38.61	ng		98
8) 2-Chlorophenol	7.951	128	68380	38.84	ng		95
9) Benzaldehyde	7.510	77	46615	40.41	ng		95
10) Phenol	7.545	94	89585	38.45	ng		96
11) bis(2-Chloroethyl)ether	7.798	93	68408	38.24	ng		87
12) 1,3-Dichlorobenzene	8.293	146	83520	38.88	ng		99
13) 1,4-Dichlorobenzene	8.440	146	82690	38.29	ng		97
14) 1,2-Dichlorobenzene	8.763	146	79316	38.61	ng		96
15) Benzyl Alcohol	8.634	79	78304	39.71	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.934	45	109309	38.21	ng		73
17) 2-Methylphenol	8.834	107	59537	38.00	ng		96
18) Hexachloroethane	9.516	117	33652	39.35	ng		99
19) n-Nitroso-di-n-propyla...	9.210	70	62722	38.92	ng	#	65
20) 3+4-Methylphenols	9.163	107	82476	39.60	ng		96
22) Acetophenone	9.234	105	116027	36.71	ng	#	82
24) Nitrobenzene	9.622	77	97337	38.79	ng		99
25) Isophorone	10.145	82	156947	37.08	ng		98
26) 2-Nitrophenol	10.339	139	33402	40.46	ng		96
27) 2,4-Dimethylphenol	10.381	122	59904	36.97	ng		98
28) bis(2-Chloroethoxy)met...	10.628	93	93983	36.90	ng		99
29) 2,4-Dichlorophenol	10.875	162	66839	38.12	ng		97
30) 1,2,4-Trichlorobenzene	11.104	180	81412	38.12	ng		97
31) Naphthalene	11.292	128	221386	37.64	ng		99
32) Benzoic acid	10.486	122	42488	44.18	ng		89
33) 4-Chloroaniline	11.386	127	95636	36.96	ng		99
34) Hexachlorobutadiene	11.581	225	51666	37.30	ng		98
35) Caprolactam	12.128	113	22734	38.89	ng	#	46
36) 4-Chloro-3-methylphenol	12.475	107	78820	38.66	ng		98
37) 2-Methylnaphthalene	12.875	142	157157	37.67	ng		95
38) 1-Methylnaphthalene	13.092	142	150090	37.94	ng		99
40) 1,2,4,5-Tetrachloroben...	13.233	216	85825	37.53	ng		99
41) Hexachlorocyclopentadiene	13.216	237	48233	38.77	ng		99
43) 2,4,6-Trichlorophenol	13.457	196	55819	37.57	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.527	196	58751	36.92	ng		93
46) 1,1'-Biphenyl	13.857	154	205460	37.16	ng		98
47) 2-Chloronaphthalene	13.904	162	171790	37.51	ng		98
48) 2-Nitroaniline	14.086	65	64278	41.71	ng		91
49) Acenaphthylene	14.739	152	260373	37.65	ng		99
50) Dimethylphthalate	14.457	163	216452	37.34	ng		100
51) 2,6-Dinitrotoluene	14.569	165	44832	39.37	ng		88
52) Acenaphthene	15.080	154	172671	38.09	ng		99
53) 3-Nitroaniline	14.898	138	50158	38.84	ng	#	98
54) 2,4-Dinitrophenol	15.092	184	21252	44.19	ng	#	1
55) Dibenzofuran	15.404	168	252205	37.38	ng		94
56) 4-Nitrophenol	15.169	139	39193	37.43	ng		89
57) 2,4-Dinitrotoluene	15.345	165	61289	39.71	ng	#	84
58) Fluorene	16.045	166	209032	37.80	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.616	232	54722m	39.17	ng		
60) Diethylphthalate	15.798	149	223045	37.74	ng		98
61) 4-Chlorophenyl-phenyle...	16.033	204	106643	37.46	ng		93
62) 4-Nitroaniline	16.045	138	58600	40.03	ng		94
63) Azobenzene	16.321	77	234094	38.24	ng		83
65) 4,6-Dinitro-2-methylph...	16.098	198	28069	42.67	ng	#	68
66) n-Nitrosodiphenylamine	16.239	169	181476	36.79	ng		97
67) 4-Bromophenyl-phenylether	16.915	248	64270	36.77	ng	#	89
68) Hexachlorobenzene	17.039	284	74833	36.91	ng		96
69) Atrazine	17.163	200	63387	37.96	ng		97
70) Pentachlorophenol	17.368	266	42753	38.92	ng		99
71) Phenanthrene	17.768	178	340626	36.93	ng		99
72) Anthracene	17.857	178	332131	36.83	ng		99
73) Carbazole	18.115	167	317983	37.10	ng		99
74) Di-n-butylphthalate	18.657	149	381059	37.86	ng		99
75) Fluoranthene	19.739	202	402334	37.11	ng		98
77) Benzidine	19.904	184	169287	36.67	ng		99
78) Pyrene	20.098	202	419006	37.23	ng		100
80) Butylbenzylphthalate	20.956	149	169345	39.77	ng		96
81) Benzo(a)anthracene	21.809	228	409867	37.43	ng		99
82) 3,3'-Dichlorobenzidine	21.727	252	140159	37.30	ng	#	97
83) Chrysene	21.862	228	392343	37.14	ng		99
84) Bis(2-ethylhexyl)phtha...	21.715	149	236269	37.96	ng	#	97
85) Di-n-octyl phthalate	22.662	149	405463	38.60	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.832	276	441431	36.09	ng		97
88) Benzo(b)fluoranthene	23.533	252	400647	35.12	ng	#	99
89) Benzo(k)fluoranthene	23.586	252	399934	36.83	ng	#	98
90) Benzo(a)pyrene	24.174	252	376457	35.76	ng		99
91) Dibenzo(a,h)anthracene	26.844	278	354535	35.45	ng	#	97
92) Benzo(g,h,i)perylene	27.615	276	348108	35.57	ng		98

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

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