Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103020\
Data File : BM027661.D
Acq On : 30 Oct 2020 15:24
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
11/2/2020 12:37:48 PM

Quant Time: Oct 30 15:58:38 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 15:58:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.404	152	29968	20.00	ng		0.00
21) Naphthalene-d8	11.245	136	115584	20.00	ng		# 0.00
39) Acenaphthene-d10	15.016	164	73174	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	161649	20.00	ng		0.00
76) Chrysene-d12	21.827	240	156755	20.00	ng		0.00
86) Perylene-d12	24.280	264	159462	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	144129	80.07	ng		0.00
7) Phenol-d6	7.522	99	202462	83.35	ng		0.00
23) Nitrobenzene-d5	9.581	82	194131	71.75	ng		0.00
42) 2,4,6-Tribromophenol	16.480	330	66077	51.50	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	377156	68.55	ng		0.00
79) Terphenyl-d14	20.286	244	587840	65.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	30941	40.31	ng	#	67
3) Pyridine	4.016	79	91247	40.93	ng	#	52
4) n-Nitrosodimethylamine	3.922	42	54443	61.87	ng	#	55
6) Aniline	7.704	93	115999	39.29	ng		99
8) 2-Chlorophenol	7.957	128	72231	39.42	ng		97
9) Benzaldehyde	7.516	77	49878	26.10	ng		94
10) Phenol	7.551	94	94740	40.59	ng		100
11) bis(2-Chloroethyl)ether	7.804	93	73029	37.18	ng		89
12) 1,3-Dichlorobenzene	8.292	146	86793	38.05	ng		97
13) 1,4-Dichlorobenzene	8.439	146	87555	38.18	ng		98
14) 1,2-Dichlorobenzene	8.769	146	82712	37.53	ng		97
15) Benzyl Alcohol	8.634	79	79803	38.23	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.934	45	115644	77.74	ng		74
17) 2-Methylphenol	8.834	107	63465	40.04	ng		96
18) Hexachloroethane	9.516	117	34192	37.20	ng		95
19) n-Nitroso-di-n-propyla...	9.210	70	64835	33.52	ng	#	69
20) 3+4-Methylphenols	9.163	107	85405	39.49	ng		97
22) Acetophenone	9.234	105	121263	37.27	ng	#	84
24) Nitrobenzene	9.622	77	96915	34.41	ng		97
25) Isophorone	10.145	82	163550	34.36	ng		98
26) 2-Nitrophenol	10.339	139	33051	31.61	ng		97
27) 2,4-Dimethylphenol	10.386	122	63090	35.33	ng		92
28) bis(2-Chloroethoxy)met...	10.628	93	98436	36.05	ng		97
29) 2,4-Dichlorophenol	10.875	162	67891	33.02	ng		97
30) 1,2,4-Trichlorobenzene	11.104	180	81554	33.22	ng		98
31) Naphthalene	11.298	128	226381	36.56	ng		99
32) Benzoic acid	10.475	122	36127	31.46	ng		93
33) 4-Chloroaniline	11.386	127	100446	38.21	ng		98
34) Hexachlorobutadiene	11.580	225	53314	32.14	ng		96
35) Caprolactam	12.133	113	23671	39.12	ng	#	47
36) 4-Chloro-3-methylphenol	12.475	107	81163	36.74	ng		97
37) 2-Methylnaphthalene	12.880	142	158559	32.68	ng		98
38) 1-Methylnaphthalene	13.092	142	152748	33.53	ng		97
40) 1,2,4,5-Tetrachloroben...	13.233	216	85085	32.30	ng		98
41) Hexachlorocyclopentadiene	13.222	237	47056	27.14	ng		97
43) 2,4,6-Trichlorophenol	13.457	196	56357	34.89	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.527	196	59721	34.01	ng		95
46) 1,1'-Biphenyl	13.863	154	204817	35.37	ng		99
47) 2-Chloronaphthalene	13.910	162	171274	37.30	ng		98
48) 2-Nitroaniline	14.092	65	61061	43.49	ng		99
49) Acenaphthylene	14.745	152	261401	37.58	ng		99
50) Dimethylphthalate	14.457	163	215593	35.85	ng		100
51) 2,6-Dinitrotoluene	14.574	165	44089	34.41	ng		95
52) Acenaphthene	15.080	154	172103	39.88	ng		100
53) 3-Nitroaniline	14.898	138	50955	44.25	ng		94
54) 2,4-Dinitrophenol	15.092	184	18745	25.71	ng	#	1
55) Dibenzofuran	15.410	168	249690	34.20	ng		97
56) 4-Nitrophenol	15.174	139	40014	39.48	ng		97
57) 2,4-Dinitrotoluene	15.345	165	60302	33.97	ng	#	84
58) Fluorene	16.045	166	208141	33.97	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.615	232	54089m	31.87	ng		
60) Diethylphthalate	15.798	149	221607	35.82	ng		96
61) 4-Chlorophenyl-phenyle...	16.033	204	104037	30.91	ng		93
62) 4-Nitroaniline	16.045	138	57476	47.57	ng		95
63) Azobenzene	16.321	77	228530	35.72	ng		86
65) 4,6-Dinitro-2-methylph...	16.098	198	25015	24.11	ng	#	68
66) n-Nitrosodiphenylamine	16.239	169	177182	35.43	ng		98
67) 4-Bromophenyl-phenylether	16.921	248	62783	31.46	ng	#	92
68) Hexachlorobenzene	17.039	284	72771	31.24	ng		95
69) Atrazine	17.162	200	62233	42.55	ng		99
70) Pentachlorophenol	17.368	266	41188	29.24	ng		97
71) Phenanthrene	17.768	178	338481	36.01	ng		98
72) Anthracene	17.857	178	328656	34.64	ng		98
73) Carbazole	18.115	167	316334	38.20	ng		99
74) Di-n-butylphthalate	18.656	149	366417	36.78	ng		99
75) Fluoranthene	19.739	202	396046	34.73	ng		99
77) Benzidine	19.903	184	172854	39.29	ng		100
78) Pyrene	20.098	202	407891	38.16	ng		99
80) Butylbenzylphthalate	20.956	149	158280	39.56	ng		94
81) Benzo(a)anthracene	21.809	228	393960	37.64	ng		99
82) 3,3'-Dichlorobenzidine	21.727	252	138507	34.96	ng	#	97
83) Chrysene	21.868	228	377947	37.16	ng		100
84) Bis(2-ethylhexyl)phtha...	21.715	149	224400	38.64	ng	#	96
85) Di-n-octyl phthalate	22.662	149	379826	39.30	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.832	276	426252	39.42	ng		96
88) Benzo(b)fluoranthene	23.533	252	388306	35.01	ng		99
89) Benzo(k)fluoranthene	23.586	252	382212	35.64	ng		98
90) Benzo(a)pyrene	24.174	252	365437	38.95	ng		98
91) Dibenzo(a,h)anthracene	26.844	278	345286	37.80	ng	#	97
92) Benzo(g,h,i)perylene	27.615	276	341778	38.83	ng		98

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

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