Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103020\
Data File : BM027658.D
Acq On : 30 Oct 2020 13:32
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
11/2/2020 12:37:43 PM

Quant Time: Oct 30 16:01:19 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	25066	20.00	ng		0.00
21) Naphthalene-d8	11.245	136	97558	20.00	ng		# 0.00
39) Acenaphthene-d10	15.016	164	60313	20.00	ng		0.00
64) Phenanthrene-d10	17.727	188	130935	20.00	ng		0.00
76) Chrysene-d12	21.827	240	134386	20.00	ng		0.00
86) Perylene-d12	24.280	264	132505	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	16855	11.19	ng		0.00
7) Phenol-d6	7.516	99	22827	11.24	ng		0.00
23) Nitrobenzene-d5	9.575	82	19626	8.59	ng		0.00
42) 2,4,6-Tribromophenol	16.474	330	6609	6.25	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	44948	9.91	ng		0.00
79) Terphenyl-d14	20.280	244	67581	8.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	3716	5.79	ng	#	67
3) Pyridine	4.028	79	10068	5.40	ng	#	44
4) n-Nitrosodimethylamine	3.928	42	6416	8.72	ng	#	44
6) Aniline	7.699	93	12794	5.18	ng		97
8) 2-Chlorophenol	7.951	128	8013	5.23	ng		90
10) Phenol	7.546	94	10746	5.50	ng		98
11) bis(2-Chloroethyl)ether	7.798	93	8179	4.98	ng		88
12) 1,3-Dichlorobenzene	8.293	146	10569	5.54	ng		97
13) 1,4-Dichlorobenzene	8.440	146	10750	5.60	ng		95
14) 1,2-Dichlorobenzene	8.763	146	10057	5.46	ng		96
15) Benzyl Alcohol	8.628	79	9309	5.33	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.928	45	13693	11.01	ng		73
17) 2-Methylphenol	8.828	107	7380	5.57	ng		93
18) Hexachloroethane	9.516	117	4128	5.37	ng		92
19) n-Nitroso-di-n-propyla...	9.210	70	7527	4.65	ng	#	71
20) 3+4-Methylphenols	9.157	107	9318	5.15	ng		90
22) Acetophenone	9.228	105	14206	5.17	ng	#	82
24) Nitrobenzene	9.616	77	10799	4.54	ng	#	91
25) Isophorone	10.145	82	18429	4.59	ng	#	90
26) 2-Nitrophenol	10.340	139	3090	3.50	ng		93
27) 2,4-Dimethylphenol	10.387	122	7144m	4.74	ng		
28) bis(2-Chloroethoxy)met...	10.628	93	10993	4.77	ng		90
29) 2,4-Dichlorophenol	10.875	162	7352	4.24	ng		93
30) 1,2,4-Trichlorobenzene	11.104	180	9919	4.79	ng		94
31) Naphthalene	11.298	128	26715	5.11	ng		98
33) 4-Chloroaniline	11.387	127	10916	4.92	ng		96
34) Hexachlorobutadiene	11.581	225	6338	4.53	ng		96
35) Caprolactam	12.104	113	1976	3.87	ng	#	56
36) 4-Chloro-3-methylphenol	12.469	107	8387	4.50	ng		96
37) 2-Methylnaphthalene	12.875	142	18386m	4.49	ng		
38) 1-Methylnaphthalene	13.092	142	16947m	4.41	ng		
40) 1,2,4,5-Tetrachloroben...	13.233	216	10027	4.62	ng	#	94
41) Hexachlorocyclopentadiene	13.222	237	5040	3.53	ng		92
43) 2,4,6-Trichlorophenol	13.457	196	5580	4.19	ng		88
44) 2,4,5-Trichlorophenol	13.522	196	6541	4.52	ng	#	88
46) 1,1'-Biphenyl	13.863	154	24533	5.14	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.904	162	19401	5.13	ng		97
48) 2-Nitroaniline	14.086	65	5074	4.38	ng		95
49) Acenaphthylene	14.739	152	28860	5.03	ng		98
50) Dimethylphthalate	14.451	163	24784	5.00	ng		99
51) 2,6-Dinitrotoluene	14.563	165	3992	3.78	ng		96
52) Acenaphthene	15.080	154	18971	5.33	ng		98
53) 3-Nitroaniline	14.892	138	4389	4.62	ng	#	92
55) Dibenzofuran	15.404	168	29436	4.89	ng		91
57) 2,4-Dinitrotoluene	15.339	165	5104	3.49	ng	#	89
58) Fluorene	16.045	166	23784	4.71	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.616	232	4945	3.53	ng	#	84
60) Diethylphthalate	15.798	149	24604	4.83	ng		98
61) 4-Chlorophenyl-phenyle...	16.033	204	12376	4.46	ng		90
62) 4-Nitroaniline	16.033	138	5042	5.06	ng		83
63) Azobenzene	16.321	77	25487	4.83	ng		85
66) n-Nitrosodiphenylamine	16.239	169	20565	5.08	ng		99
67) 4-Bromophenyl-phenylether	16.916	248	7222	4.47	ng	#	91
68) Hexachlorobenzene	17.039	284	8445	4.48	ng		98
69) Atrazine	17.163	200	6580	5.55	ng		93
70) Pentachlorophenol	17.368	266	3572	3.13	ng		97
71) Phenanthrene	17.768	178	37006	4.86	ng		97
72) Anthracene	17.857	178	36193	4.71	ng		98
73) Carbazole	18.115	167	33806	5.04	ng		98
74) Di-n-butylphthalate	18.657	149	38731	4.80	ng		99
75) Fluoranthene	19.739	202	43003	4.66	ng		98
77) Benzidine	19.904	184	22182	5.88	ng		95
78) Pyrene	20.098	202	45244	4.94	ng		99
80) Butylbenzylphthalate	20.956	149	14223	4.15	ng		98
81) Benzo(a)anthracene	21.809	228	46328	5.16	ng		97
82) 3,3'-Dichlorobenzidine	21.727	252	14447	4.25	ng	#	96
83) Chrysene	21.862	228	43091	4.94	ng		99
84) Bis(2-ethylhexyl)phtha...	21.721	149	23051	4.63	ng		99
85) Di-n-octyl phthalate	22.662	149	38515	4.65	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.821	276	48631	5.41	ng	#	93
88) Benzo(b)fluoranthene	23.533	252	45349	4.92	ng		100
89) Benzo(k)fluoranthene	23.580	252	43575	4.89	ng		96
90) Benzo(a)pyrene	24.174	252	42121	5.40	ng		96
91) Dibenzo(a,h)anthracene	26.833	278	39986	5.27	ng	#	91
92) Benzo(g,h,i)perylene	27.603	276	39247	5.37	ng		96

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

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