Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020221\
Data File : BG048082.D
Acq On : 2 Feb 2021 18:32
Operator : CG/JU
Sample : M1286-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JJ_BH_01_6-7MS

Manual Integrations APPROVED
mohammad
2/3/2021 11:04:19 AM

Quant Time: Feb 02 23:44:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	44055	20.00	ng		0.00
21) Naphthalene-d8	10.931	136	178069	20.00	ng		0.00
39) Acenaphthene-d10	14.738	164	139218	20.00	ng		0.00
64) Phenanthrene-d10	17.482	188	361536	20.00	ng		# 0.00
76) Chrysene-d12	21.760	240	367551	20.00	ng		# 0.00
86) Perylene-d12	25.038	264	381246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.673	112	267280	93.24	ng		0.00
7) Phenol-d6	7.265	99	378008	86.73	ng		0.00
23) Nitrobenzene-d5	9.280	82	246107	54.69	ng		0.00
42) 2,4,6-Tribromophenol	16.225	330	217388	93.75	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	575608	53.46	ng		0.00
79) Terphenyl-d14	20.085	244	1045870	49.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.557	88	40428	31.64	ng	#	95
3) Pyridine	3.957	79	124449	32.44	ng		90
4) n-Nitrosodimethylamine	3.869	42	69557	39.25	ng		82
6) Aniline	7.435	93	69076	13.12	ng		99
8) 2-Chlorophenol	7.676	128	129708	43.23	ng		90
9) Benzaldehyde	7.247	77	81435	36.43	ng		88
10) Phenol	7.294	94	186861	44.73	ng		77
11) bis(2-Chloroethyl)ether	7.529	93	121916	37.26	ng		92
12) 1,3-Dichlorobenzene	8.005	146	134819	37.22	ng	#	85
13) 1,4-Dichlorobenzene	8.152	146	138171	38.06	ng		95
14) 1,2-Dichlorobenzene	8.475	146	134613	38.84	ng		95
15) Benzyl Alcohol	8.352	79	145584	39.48	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.640	45	159760	34.79	ng		94
17) 2-Methylphenol	8.551	107	117227	41.52	ng	#	86
18) Hexachloroethane	9.210	117	52745	37.24	ng		93
19) n-Nitroso-di-n-propyla...	8.922	70	115666	36.36	ng		97
20) 3+4-Methylphenols	8.875	107	158541	40.58	ng		88
22) Acetophenone	8.939	105	201992	36.81	ng	#	92
24) Nitrobenzene	9.321	77	174024	38.61	ng	#	85
25) Isophorone	9.850	82	303356	37.56	ng	#	92
26) 2-Nitrophenol	10.038	139	73987	39.90	ng	#	64
27) 2,4-Dimethylphenol	10.085	122	120478	44.71	ng	#	85
28) bis(2-Chloroethoxy)met...	10.326	93	172700	35.54	ng		96
29) 2,4-Dichlorophenol	10.573	162	147990	42.68	ng		96
30) 1,2,4-Trichlorobenzene	10.790	180	156743	37.40	ng		100
31) Naphthalene	10.984	128	388941	37.77	ng		100
32) Benzoic acid	10.208	122	72886	30.20	ng	#	75
33) 4-Chloroaniline	11.084	127	33218	7.06	ng	#	89
34) Hexachlorobutadiene	11.266	225	112598	37.82	ng		96
35) Caprolactam	11.854	113	53842m	40.80	ng		
36) 4-Chloro-3-methylphenol	12.194	107	168362	43.28	ng		87
37) 2-Methylnaphthalene	12.582	142	300599	38.66	ng	#	94
38) 1-Methylnaphthalene	12.799	142	287346	38.73	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.946	216	202363	38.13	ng	#	96
41) Hexachlorocyclopentadiene	12.923	237	268457	89.30	ng		97
43) 2,4,6-Trichlorophenol	13.175	196	152740	41.26	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	168179	43.84	ng	#	95
46) 1,1'-Biphenyl	13.581	154	411433	38.23	ng		99
47) 2-Chloronaphthalene	13.622	162	343149	36.64	ng		96
48) 2-Nitroaniline	13.816	65	130144	38.28	ng	#	80
49) Acenaphthylene	14.468	152	533408	38.59	ng		98
50) Dimethylphthalate	14.192	163	510452	40.51	ng		99
51) 2,6-Dinitrotoluene	14.309	165	106846	40.79	ng	#	69
52) Acenaphthene	14.809	154	406225m	43.41	ng		
53) 3-Nitroaniline	14.633	138	25865	9.00	ng		83
54) 2,4-Dinitrophenol	14.838	184	133072	81.25	ng	#	74
55) Dibenzofuran	15.138	168	552314	38.91	ng		96
56) 4-Nitrophenol	14.938	139	180234	80.39	ng	#	54
57) 2,4-Dinitrotoluene	15.091	165	152109	40.21	ng	#	76
58) Fluorene	15.784	166	454280	39.81	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.361	232	166218	43.33	ng	#	96
60) Diethylphthalate	15.549	149	492874	38.05	ng		94
61) 4-Chlorophenyl-phenyle...	15.778	204	272239	38.96	ng		99
62) 4-Nitroaniline	15.802	138	104238	33.30	ng	#	60
63) Azobenzene	16.072	77	475277	38.97	ng		92
65) 4,6-Dinitro-2-methylph...	15.855	198	104754	44.90	ng		87
66) n-Nitrosodiphenylamine	15.990	169	424825	39.10	ng		98
67) 4-Bromophenyl-phenylether	16.671	248	186733	38.65	ng		93
68) Hexachlorobenzene	16.789	284	198977	37.87	ng		96
69) Atrazine	16.936	200	154519	37.44	ng		95
70) Pentachlorophenol	17.130	266	258658	81.08	ng		96
71) Phenanthrene	17.529	178	796639	38.19	ng		98
72) Anthracene	17.617	178	807776	39.38	ng		98
73) Carbazole	17.882	167	718618	37.54	ng		98
74) Di-n-butylphthalate	18.440	149	851514	36.42	ng	#	97
75) Fluoranthene	19.527	202	1036947	37.91	ng		96
77) Benzidine	19.703	184	184879	17.44	ng		98
78) Pyrene	19.891	202	1026223	38.13	ng		98
80) Butylbenzylphthalate	20.772	149	374223	36.40	ng		92
81) Benzo(a)anthracene	21.742	228	1028029	38.49	ng		99
82) 3,3'-Dichlorobenzidine	21.648	252	144774	16.08	ng		97
83) Chrysene	21.807	228	978031	38.53	ng		99
84) Bis(2-ethylhexyl)phtha...	21.642	149	531051	37.71	ng		96
85) Di-n-octyl phthalate	22.876	149	920481	39.08	ng		97
87) Indeno(1,2,3-cd)pyrene	28.781	276	1215876	39.65	ng	#	89
88) Benzo(b)fluoranthene	23.998	252	1072009	39.56	ng	#	97
89) Benzo(k)fluoranthene	24.069	252	1026762	39.00	ng	#	98
90) Benzo(a)pyrene	24.891	252	971631	38.18	ng	#	97
91) Dibenzo(a,h)anthracene	28.863	278	1004058	39.67	ng	#	94
92) Benzo(g,h,i)perylene	29.962	276	1007446	41.33	ng	#	94

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

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