Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
Data File : BG048014.D
Acq On : 26 Jan 2021 19:53
Operator : CG/JU
Sample : M1188-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-230MSD

Manual Integrations APPROVED
mohammad
1/27/2021 1:08:24 PM

Quant Time: Jan 26 23:33:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.132	152	38297	20.00	ng	#	0.00
21) Naphthalene-d8	10.946	136	168083	20.00	ng		0.00
39) Acenaphthene-d10	14.753	164	137943	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	341936	20.00	ng	#	0.00
76) Chrysene-d12	21.774	240	340975	20.00	ng	#	0.00
86) Perylene-d12	25.053	264	339541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	367692	147.55	ng		0.00
7) Phenol-d6	7.285	99	505101	133.31	ng		0.00
23) Nitrobenzene-d5	9.295	82	359267	84.57	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	318235	138.51	ng		0.00
45) 2-Fluorobiphenyl	13.378	172	848649	79.54	ng		0.00
79) Terphenyl-d14	20.094	244	1500959	76.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	41632	37.48	ng	#	37
3) Pyridine	3.989	79	137806	41.33	ng		93
4) n-Nitrosodimethylamine	3.884	42	71595	46.47	ng	#	72
6) Aniline	7.450	93	71942	15.72	ng		95
8) 2-Chlorophenol	7.697	128	143449	54.99	ng		92
9) Benzaldehyde	7.262	77	88737	45.66	ng		84
10) Phenol	7.309	94	195597	53.86	ng		78
11) bis(2-Chloroethyl)ether	7.544	93	134442	47.27	ng		95
12) 1,3-Dichlorobenzene	8.020	146	142024	45.11	ng	#	92
13) 1,4-Dichlorobenzene	8.167	146	141697	44.90	ng		94
14) 1,2-Dichlorobenzene	8.490	146	141739	47.05	ng		94
15) Benzyl Alcohol	8.367	79	170531	53.20	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.660	45	169663	42.50	ng		95
17) 2-Methylphenol	8.566	107	134548	54.82	ng	#	90
18) Hexachloroethane	9.224	117	53371	43.34	ng		98
19) n-Nitroso-di-n-propyla...	8.936	70	129604	46.87	ng	#	97
20) 3+4-Methylphenols	8.895	107	189608	55.83	ng		91
22) Acetophenone	8.954	105	231927	44.77	ng		95
24) Nitrobenzene	9.336	77	192144	45.16	ng	#	83
25) Isophorone	9.865	82	363820	47.73	ng	#	93
26) 2-Nitrophenol	10.053	139	87239	49.84	ng	#	78
27) 2,4-Dimethylphenol	10.106	122	139979	55.03	ng		93
28) bis(2-Chloroethoxy)met...	10.341	93	200581	43.73	ng		98
29) 2,4-Dichlorophenol	10.587	162	178959	54.68	ng		95
30) 1,2,4-Trichlorobenzene	10.805	180	174962	44.22	ng		98
31) Naphthalene	10.999	128	435494	44.81	ng		99
32) Benzoic acid	10.164	122	11564	5.08	ng	#	90
33) 4-Chloroaniline	11.099	127	9928	2.24	ng	#	95
34) Hexachlorobutadiene	11.281	225	117257	41.73	ng		98
35) Caprolactam	11.880	113	52674	42.28	ng		96
36) 4-Chloro-3-methylphenol	12.209	107	204568	55.71	ng		88
37) 2-Methylnaphthalene	12.591	142	342040	46.60	ng	#	93
38) 1-Methylnaphthalene	12.808	142	328026m	46.84	ng		
40) 1,2,4,5-Tetrachloroben...	12.955	216	231440	44.01	ng	#	98
41) Hexachlorocyclopentadiene	12.938	237	285343	95.79	ng		98
43) 2,4,6-Trichlorophenol	13.190	196	180285	49.16	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.261	196	201695	53.06	ng	#	94
46) 1,1'-Biphenyl	13.590	154	479879	45.00	ng		98
47) 2-Chloronaphthalene	13.637	162	396224	42.69	ng		98
48) 2-Nitroaniline	13.831	65	151980	45.12	ng	#	81
49) Acenaphthylene	14.477	152	614444	44.86	ng		99
50) Dimethylphthalate	14.207	163	556152	44.54	ng		99
51) 2,6-Dinitrotoluene	14.318	165	125573	48.38	ng	#	66
52) Acenaphthene	14.818	154	391291	42.20	ng		97
53) 3-Nitroaniline	14.647	138	23156	8.13	ng	#	73
54) 2,4-Dinitrophenol	14.847	184	23022	14.19	ng	#	53
55) Dibenzofuran	15.153	168	645550	45.90	ng		96
56) 4-Nitrophenol	14.947	139	161105	72.52	ng	#	56
57) 2,4-Dinitrotoluene	15.106	165	173919	46.40	ng	#	79
58) Fluorene	15.799	166	531656	47.02	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.370	232	173444	45.64	ng		97
60) Diethylphthalate	15.564	149	570742	44.47	ng		95
61) 4-Chlorophenyl-phenyle...	15.787	204	322332	46.55	ng		97
62) 4-Nitroaniline	15.811	138	121390	39.14	ng	#	63
63) Azobenzene	16.081	77	548177	45.37	ng		90
65) 4,6-Dinitro-2-methylph...	15.870	198	45570	20.65	ng		91
66) n-Nitrosodiphenylamine	15.999	169	495543	48.22	ng		98
67) 4-Bromophenyl-phenylether	16.680	248	218285	47.77	ng		95
68) Hexachlorobenzene	16.798	284	234262	47.15	ng		96
69) Atrazine	16.945	200	171670	43.98	ng		97
70) Pentachlorophenol	17.139	266	82877	27.47	ng		93
71) Phenanthrene	17.538	178	912292	46.25	ng		97
72) Anthracene	17.626	178	925008	47.68	ng		98
73) Carbazole	17.891	167	806518	44.54	ng		99
74) Di-n-butylphthalate	18.449	149	926491	41.90	ng	#	97
75) Fluoranthene	19.542	202	1119815	43.29	ng		96
77) Benzidine	19.712	184	63149	6.42	ng		97
78) Pyrene	19.900	202	1117425	44.75	ng		98
80) Butylbenzylphthalate	20.781	149	414116	43.42	ng		90
81) Benzo(a)anthracene	21.751	228	1134780	45.79	ng		99
82) 3,3'-Dichlorobenzidine	21.663	252	103605	12.41	ng	#	97
83) Chrysene	21.821	228	1079160	45.83	ng		99
84) Bis(2-ethylhexyl)phtha...	21.657	149	587639	44.99	ng		96
85) Di-n-octyl phthalate	22.897	149	993449	45.47	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.813	276	1323290	48.45	ng	#	93
88) Benzo(b)fluoranthene	24.019	252	1146486	47.51	ng	#	98
89) Benzo(k)fluoranthene	24.083	252	1127475	48.08	ng	#	96
90) Benzo(a)pyrene	24.912	252	1039206	45.86	ng	#	97
91) Dibenzo(a,h)anthracene	28.890	278	1105266	49.04	ng	#	95
92) Benzo(g,h,i)perylene	30.000	276	1088217	50.12	ng	#	93

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

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