Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046851.D
Acq On : 12 Oct 2020 17:43
Operator : CG/JU
Sample : L4337-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Manual Integrations APPROVED
mohammad
10/13/2020 2:59:50 PM

Quant Time: Oct 12 18:37:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	61855	20.00	ng		# 0.00
21) Naphthalene-d8	10.918	136	241709	20.00	ng		# 0.00
39) Acenaphthene-d10	14.731	164	178442	20.00	ng		0.00
64) Phenanthrene-d10	17.475	188	473995	20.00	ng		# 0.00
76) Chrysene-d12	21.746	240	501933	20.00	ng		#-0.01
86) Perylene-d12	25.013	264	508920	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.665	112	406461	105.27	ng		0.00
7) Phenol-d6	7.257	99	557868	102.43	ng		0.00
23) Nitrobenzene-d5	9.267	82	377271	83.04	ng		0.00
42) 2,4,6-Tribromophenol	16.211	330	309882	131.70	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	859383	68.18	ng		0.00
79) Terphenyl-d14	20.072	244	1619793	64.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	62256	34.56	ng	#	92
3) Pyridine	3.955	79	177681	34.86	ng		92
4) n-Nitrosodimethylamine	3.867	42	102422	38.40	ng	#	72
6) Aniline	7.422	93	136078	20.67	ng		94
8) 2-Chlorophenol	7.668	128	174721	45.41	ng		94
9) Benzaldehyde	7.234	77	41570	9.00	ng		88
10) Phenol	7.286	94	244636	45.13	ng		83
11) bis(2-Chloroethyl)ether	7.516	93	167285	39.93	ng		94
12) 1,3-Dichlorobenzene	7.997	146	198631	39.98	ng	#	95
13) 1,4-Dichlorobenzene	8.138	146	202952	41.22	ng		97
14) 1,2-Dichlorobenzene	8.462	146	195978	42.68	ng		97
15) Benzyl Alcohol	8.338	79	187700	41.92	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.632	45	238946	32.50	ng		99
17) 2-Methylphenol	8.538	107	159153	45.72	ng	#	87
18) Hexachloroethane	9.196	117	71335	38.41	ng		95
19) n-Nitroso-di-n-propyla...	8.908	70	145214	38.88	ng		96
20) 3+4-Methylphenols	8.867	107	216554	45.64	ng		92
22) Acetophenone	8.926	105	272207	38.77	ng	#	93
24) Nitrobenzene	9.308	77	219326	44.22	ng	#	88
25) Isophorone	9.831	82	390505	39.37	ng	#	93
26) 2-Nitrophenol	10.024	139	102356	57.09	ng	#	81
27) 2,4-Dimethylphenol	10.077	122	170195	47.49	ng	#	83
28) bis(2-Chloroethoxy)met...	10.312	93	227025	37.11	ng		98
29) 2,4-Dichlorophenol	10.559	162	200028	46.40	ng		94
30) 1,2,4-Trichlorobenzene	10.777	180	204939	39.83	ng		96
31) Naphthalene	10.965	128	531699	40.55	ng		97
32) Benzoic acid	10.212	122	143413	56.12	ng	#	89
33) 4-Chloroaniline	11.064	127	82880	14.27	ng		96
34) Hexachlorobutadiene	11.252	225	144990	38.43	ng		96
35) Caprolactam	11.840	113	72295m	49.51	ng		
36) 4-Chloro-3-methylphenol	12.181	107	221914	47.88	ng		89
37) 2-Methylnaphthalene	12.563	142	406253	41.80	ng	#	95
38) 1-Methylnaphthalene	12.780	142	380147m	42.14	ng		
40) 1,2,4,5-Tetrachloroben...	12.927	216	261690	40.80	ng	#	97
41) Hexachlorocyclopentadiene	12.909	237	330186	88.49	ng		99
43) 2,4,6-Trichlorophenol	13.162	196	191359	47.44	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.238	196	202530	49.89	ng	#	94
46) 1,1'-Biphenyl	13.567	154	563021	41.04	ng		95
47) 2-Chloronaphthalene	13.608	162	436869	39.19	ng		98
48) 2-Nitroaniline	13.802	65	158579	53.58	ng	#	82
49) Acenaphthylene	14.455	152	683173	41.64	ng		99
50) Dimethylphthalate	14.178	163	690316	48.43	ng		99
51) 2,6-Dinitrotoluene	14.296	165	140145	60.50	ng	#	77
52) Acenaphthene	14.789	154	534871m	48.00	ng		
53) 3-Nitroaniline	14.625	138	67370	25.74	ng		81
54) 2,4-Dinitrophenol	14.831	184	171190	135.32	ng	#	78
55) Dibenzofuran	15.124	168	725448	43.12	ng		94
56) 4-Nitrophenol	14.930	139	263592	122.27	ng	#	70
57) 2,4-Dinitrotoluene	15.083	165	201316	65.63	ng	#	80
58) Fluorene	15.777	166	595257	44.19	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.348	232	214723	52.91	ng	#	96
60) Diethylphthalate	15.541	149	622473	43.44	ng		97
61) 4-Chlorophenyl-phenyle...	15.765	204	340969	44.34	ng		99
62) 4-Nitroaniline	15.788	138	149620	51.48	ng	#	65
63) Azobenzene	16.059	77	569107	40.40	ng		92
65) 4,6-Dinitro-2-methylph...	15.841	198	139775	71.04	ng		83
66) n-Nitrosodiphenylamine	15.976	169	562108	39.47	ng		96
67) 4-Bromophenyl-phenylether	16.658	248	233951	39.06	ng		96
68) Hexachlorobenzene	16.775	284	253228	39.30	ng		91
69) Atrazine	16.922	200	186464	32.59	ng		97
70) Pentachlorophenol	17.116	266	366830	98.62	ng		91
71) Phenanthrene	17.516	178	1056837	41.07	ng		97
72) Anthracene	17.604	178	1078406	42.47	ng		97
73) Carbazole	17.868	167	972057	42.07	ng		98
74) Di-n-butylphthalate	18.426	149	1131684	39.85	ng	#	98
75) Fluoranthene	19.519	202	1420790	43.35	ng		97
77) Benzidine	19.690	184	388732	25.12	ng		100
78) Pyrene	19.878	202	1404184	43.52	ng		99
80) Butylbenzylphthalate	20.759	149	506543	40.63	ng		90
81) Benzo(a)anthracene	21.728	228	1380406	41.19	ng		100
82) 3,3'-Dichlorobenzidine	21.634	252	295830	22.74	ng		97
83) Chrysene	21.793	228	1319944	41.22	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	725413	39.61	ng		97
85) Di-n-octyl phthalate	22.862	149	1242880	39.46	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.750	276	1595477	42.37	ng	#	90
88) Benzo(b)fluoranthene	23.979	252	1456260	43.66	ng	#	98
89) Benzo(k)fluoranthene	24.049	252	1351407	42.15	ng	#	97
90) Benzo(a)pyrene	24.860	252	1297099	41.33	ng	#	96
91) Dibenzo(a,h)anthracene	28.814	278	1300962	42.24	ng	#	96
92) Benzo(g,h,i)perylene	29.919	276	1318074	43.76	ng	#	94

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

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