Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
Data File : BG046578.D
Acq On : 9 Sep 2020 18:37
Operator : CG/JU
Sample : L3932-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-218MSD

Manual Integrations APPROVED
mohammad
9/10/2020 10:36:01 AM

Quant Time: Sep 09 19:24:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	69554	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	294702	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	199767	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	403522	20.00	ng	0.00
76) Chrysene-d12	21.55	240	447803	20.00	ng	0.00
86) Perylene-d12	24.65	264	472858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	313618	79.86	ng	0.00
7) Phenol-d6	7.10	99	424866	76.32	ng	0.00
23) Nitrobenzene-d5	9.08	82	281670	54.63	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	199660	73.77	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	820379	62.69	ng	0.00
79) Terphenyl-d14	19.92	244	1119213	53.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	53783	32.920	ng	96
3) Pyridine	3.80	79	160137	33.501	ng	98
4) n-Nitrosodimethylamine	3.72	42	73854	41.891	ng	98
6) Aniline	7.25	93	178162	28.440	ng	100
8) 2-Chlorophenol	7.49	128	184946	44.560	ng	99
9) Benzaldehyde	7.06	77	100019	32.068	ng	93
10) Phenol	7.13	94	225491	43.978	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	173032	41.983	ng	98
12) 1,3-Dichlorobenzene	7.82	146	216688	41.121	ng	98
13) 1,4-Dichlorobenzene	7.96	146	216532	41.045	ng	99
14) 1,2-Dichlorobenzene	8.28	146	210733	41.660	ng	99
15) Benzyl Alcohol	8.16	79	157307	44.014	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	260655	40.773	ng	100
17) 2-Methylphenol	8.38	107	157961	43.440	ng	98
18) Hexachloroethane	9.01	117	75042	41.953	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	136881	41.107	ng	98
20) 3+4-Methylphenols	8.70	107	217384	43.311	ng	99
22) Acetophenone	8.75	105	265477	37.007	ng	99
24) Nitrobenzene	9.12	77	198005	38.870	ng	96
25) Isophorone	9.65	82	384482	40.672	ng	99
26) 2-Nitrophenol	9.84	139	111234	41.387	ng	97
27) 2,4-Dimethylphenol	9.90	122	176340	47.704	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	236247	38.828	ng	99
29) 2,4-Dichlorophenol	10.38	162	207280	42.063	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	233554	39.945	ng	99
31) Naphthalene	10.77	128	590906	41.066	ng	100
32) Benzoic acid	10.06	122	101403	39.531	ng	97
33) 4-Chloroaniline	10.88	127	142647	22.482	ng	99
34) Hexachlorobutadiene	11.07	225	155104	40.865	ng	98
35) Caprolactam	11.65	113	72672m	39.452	ng	
36) 4-Chloro-3-methylphenol	12.02	107	207650	43.084	ng	97
37) 2-Methylnaphthalene	12.38	142	482004	42.473	ng	99
38) 1-Methylnaphthalene	12.60	142	446968	41.580	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	296356	44.987	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	335013	116.956	ng		97
43) 2,4,6-Trichlorophenol	12.99	196	193263	43.474	ng		99
44) 2,4,5-Trichlorophenol	13.08	196	206751	44.265	ng		98
46) 1,1'-Biphenyl	13.39	154	616639	44.367	ng		99
47) 2-Chloronaphthalene	13.43	162	487942	41.407	ng		99
48) 2-Nitroaniline	13.63	65	129363	39.534	ng		99
49) Acenaphthylene	14.28	152	742138	41.517	ng		100
50) Dimethylphthalate	14.02	163	668321	43.243	ng		99
51) 2,6-Dinitrotoluene	14.13	165	147570	43.316	ng		98
52) Acenaphthene	14.63	154	447612	40.408	ng		99
53) 3-Nitroaniline	14.46	138	113025	30.628	ng	#	93
54) 2,4-Dinitrophenol	14.67	184	172735	86.863	ng		96
55) Dibenzofuran	14.96	168	715312	40.238	ng		99
56) 4-Nitrophenol	14.79	139	219635	80.870	ng	#	82
57) 2,4-Dinitrotoluene	14.93	165	188957	38.898	ng		98
58) Fluorene	15.61	166	581686	38.986	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	180063	39.700	ng	#	99
60) Diethylphthalate	15.39	149	559851	37.154	ng		97
61) 4-Chlorophenyl-phenylether	15.60	204	321112	39.078	ng		94
62) 4-Nitroaniline	15.63	138	114676	29.451	ng		85
63) Azobenzene	15.90	77	490485	40.016	ng		97
65) 4,6-Dinitro-2-methylphenol	15.70	198	122685	53.716	ng	#	77
66) n-Nitrosodiphenylamine	15.82	169	513398	47.160	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	201943	42.895	ng	#	93
68) Hexachlorobenzene	16.63	284	215179	41.271	ng	#	92
69) Atrazine	16.78	200	155008	34.904	ng		85
70) Pentachlorophenol	16.97	266	250959	92.126	ng		98
71) Phenanthrene	17.35	178	858980m	41.997	ng		
72) Anthracene	17.45	178	868557	43.041	ng		96
73) Carbazole	17.71	167	763341	40.064	ng	#	96
74) Di-n-butylphthalate	18.28	149	887569	40.512	ng		96
75) Fluoranthene	19.36	202	1036022	39.361	ng		99
77) Benzidine	19.54	184	436078	41.908	ng	#	92
78) Pyrene	19.73	202	1071231	37.566	ng		99
80) Butylbenzylphthalate	20.61	149	426412	38.337	ng		93
81) Benzo(a)anthracene	21.54	228	1132488	40.574	ng		99
82) 3,3'-Dichlorobenzidine	21.45	252	99360	9.592	ng		99
83) Chrysene	21.60	228	1116908	41.600	ng		98
84) Bis(2-ethylhexyl)phthalate	21.45	149	653689	43.066	ng		99
85) Di-n-octyl phthalate	22.62	149	1120334	43.106	ng		98
87) Indeno(1,2,3-cd)pyrene	28.17	276	1453578	42.800	ng	#	95
88) Benzo(b)fluoranthene	23.68	252	1198830	40.603	ng		99
89) Benzo(k)fluoranthene	23.74	252	1190653	41.726	ng		99
90) Benzo(a)pyrene	24.51	252	1114905	40.462	ng		99
91) Dibenzo(a,h)anthracene	28.22	278	1196427	43.656	ng		98
92) Benzo(g,h,i)perylene	29.26	276	1212722	44.313	ng		97

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

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