Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
Data File : BG048589.D
Acq On : 5 Apr 2021 18:39
Operator : CG/JU
Sample : M1908-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)MSD

Manual Integrations APPROVED
mohammad
4/6/2021 3:22:35 PM

Quant Time: Apr 06 04:41:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	28330	20.00	ng		0.00
21) Naphthalene-d8	10.919	136	119258	20.00	ng		# 0.00
39) Acenaphthene-d10	14.750	164	82811	20.00	ng		0.00
64) Phenanthrene-d10	17.500	188	194768	20.00	ng		# 0.00
76) Chrysene-d12	21.801	240	183123	20.00	ng		# 0.00
86) Perylene-d12	25.138	264	182200	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	224263	139.76	ng		0.00
7) Phenol-d6	7.247	99	294012	126.34	ng		0.00
23) Nitrobenzene-d5	9.263	82	200530	81.41	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	135784	124.74	ng		0.00
45) 2-Fluorobiphenyl	13.370	172	442475	79.42	ng		0.00
79) Terphenyl-d14	20.109	244	736995	73.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.499	88	28055	43.46	ng		92
3) Pyridine	3.904	79	72496	44.79	ng		93
4) n-Nitrosodimethylamine	3.816	42	53631	50.71	ng	#	92
6) Aniline	7.406	93	69572	26.03	ng		97
8) 2-Chlorophenol	7.653	128	93513	51.57	ng		93
9) Benzaldehyde	7.218	77	66534	44.73	ng		97
10) Phenol	7.271	94	121700	52.23	ng		97
11) bis(2-Chloroethyl)ether	7.506	93	75783	46.88	ng		98
12) 1,3-Dichlorobenzene	7.982	146	99159	48.54	ng		93
13) 1,4-Dichlorobenzene	8.129	146	101299	49.18	ng		99
14) 1,2-Dichlorobenzene	8.446	146	97576	49.47	ng		95
15) Benzyl Alcohol	8.334	79	94585	49.62	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.616	45	74549	47.80	ng		93
17) 2-Methylphenol	8.534	107	78892	52.33	ng		92
18) Hexachloroethane	9.186	117	38271	50.00	ng		87
19) n-Nitroso-di-n-propyla...	8.898	70	70790	44.13	ng		91
20) 3+4-Methylphenols	8.863	107	108348	51.78	ng		92
22) Acetophenone	8.922	105	142607	46.38	ng	#	96
24) Nitrobenzene	9.304	77	109110	45.14	ng		99
25) Isophorone	9.827	82	198330	43.60	ng		97
26) 2-Nitrophenol	10.021	139	52574	47.33	ng		97
27) 2,4-Dimethylphenol	10.073	122	95283	54.52	ng		99
28) bis(2-Chloroethoxy)met...	10.314	93	104934	50.33	ng		98
29) 2,4-Dichlorophenol	10.561	162	95894	48.46	ng		93
30) 1,2,4-Trichlorobenzene	10.778	180	103827	45.66	ng		98
31) Naphthalene	10.972	128	274121	44.70	ng		96
32) Benzoic acid	10.226	122	68158	50.69	ng		93
33) 4-Chloroaniline	11.072	127	26817	10.36	ng		96
34) Hexachlorobutadiene	11.254	225	74879	45.09	ng		93
35) Caprolactam	11.848	113	33708m	46.69	ng		
36) 4-Chloro-3-methylphenol	12.194	107	106048	47.72	ng		94
37) 2-Methylnaphthalene	12.576	142	217025	44.46	ng		95
38) 1-Methylnaphthalene	12.794	142	200485m	43.06	ng		
40) 1,2,4,5-Tetrachloroben...	12.941	216	129826	50.57	ng		99
41) Hexachlorocyclopentadiene	12.917	237	169077	113.69	ng		93
43) 2,4,6-Trichlorophenol	13.176	196	86932	49.27	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	98237	52.04	ng		94
46) 1,1'-Biphenyl	13.575	154	287667	47.54	ng		97
47) 2-Chloronaphthalene	13.622	162	217390	47.16	ng		100
48) 2-Nitroaniline	13.822	65	73364	50.06	ng		86
49) Acenaphthylene	14.468	152	365261	50.54	ng		98
50) Dimethylphthalate	14.192	163	308456	50.18	ng		98
51) 2,6-Dinitrotoluene	14.316	165	65513	46.59	ng		94
52) Acenaphthene	14.809	154	285826m	54.68	ng		
53) 3-Nitroaniline	14.645	138	23144	16.78	ng		93
54) 2,4-Dinitrophenol	14.850	184	92439	116.91	ng		93
55) Dibenzofuran	15.144	168	350444	45.90	ng		97
56) 4-Nitrophenol	14.956	139	114297	102.69	ng		90
57) 2,4-Dinitrotoluene	15.103	165	92445	46.48	ng	#	91
58) Fluorene	15.796	166	295333	46.22	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.367	232	89572	48.64	ng		99
60) Diethylphthalate	15.555	149	299207	47.38	ng		97
61) 4-Chlorophenyl-phenyle...	15.784	204	161232	46.89	ng		98
62) 4-Nitroaniline	15.814	138	64517	44.73	ng		98
63) Azobenzene	16.078	77	271300	43.67	ng		99
65) 4,6-Dinitro-2-methylph...	15.867	198	59941	51.22	ng		95
66) n-Nitrosodiphenylamine	16.002	169	260405	46.99	ng		98
67) 4-Bromophenyl-phenylether	16.683	248	104656	48.47	ng		95
68) Hexachlorobenzene	16.801	284	110709	49.11	ng		96
69) Atrazine	16.948	200	110914	49.08	ng		96
70) Pentachlorophenol	17.147	266	144983	103.47	ng		93
71) Phenanthrene	17.541	178	468818	46.37	ng		100
72) Anthracene	17.635	178	485424	48.18	ng		99
73) Carbazole	17.905	167	433088	45.33	ng		97
74) Di-n-butylphthalate	18.452	149	506351	47.43	ng		98
75) Fluoranthene	19.556	202	574151	45.81	ng		98
77) Benzidine	19.727	184	216255	34.87	ng		98
78) Pyrene	19.915	202	577321	45.85	ng		99
80) Butylbenzylphthalate	20.796	149	224236	47.95	ng		91
81) Benzo(a)anthracene	21.777	228	571128	46.68	ng		100
82) 3,3'-Dichlorobenzidine	21.689	252	67298	16.01	ng	#	90
83) Chrysene	21.848	228	527656	45.19	ng		96
84) Bis(2-ethylhexyl)phtha...	21.672	149	318980	48.97	ng		100
85) Di-n-octyl phthalate	22.929	149	552537	48.66	ng		99
87) Indeno(1,2,3-cd)pyrene	28.987	276	630912	49.39	ng	#	86
88) Benzo(b)fluoranthene	24.081	252	586977	49.60	ng		98
89) Benzo(k)fluoranthene	24.145	252	514871	45.26	ng		98
90) Benzo(a)pyrene	24.991	252	503754	46.19	ng		99
91) Dibenzo(a,h)anthracene	29.045	278	530146	48.63	ng		98
92) Benzo(g,h,i)perylene	30.179	276	516031	48.33	ng		97

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

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