Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048844.D
Acq On : 22 Apr 2021 13:01
Operator : CG/JU
Sample : M2042-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(7-8)MS

Manual Integrations APPROVED
mohammad
4/23/2021 4:00:46 PM

Quant Time: Apr 22 14:39:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	17484	20.00	ng		0.00
21) Naphthalene-d8	10.889	136	78920	20.00	ng		# 0.00
39) Acenaphthene-d10	14.725	164	53888	20.00	ng		0.00
64) Phenanthrene-d10	17.481	188	131909	20.00	ng		# 0.00
76) Chrysene-d12	21.782	240	116942	20.00	ng		0.00
86) Perylene-d12	25.113	264	121954	20.00	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.612	112	151751	145.16	ng		0.00
7) Phenol-d6	7.228	99	197748	133.73	ng		0.00
23) Nitrobenzene-d5	9.238	82	145774	82.70	ng		0.00
42) 2,4,6-Tribromophenol	16.224	330	91121	126.11	ng		0.00
45) 2-Fluorobiphenyl	13.339	172	317956	85.21	ng		0.00
79) Terphenyl-d14	20.095	244	552881	81.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.450	88	14696	35.88	ng	#	90
3) Pyridine	3.862	79	45957	43.04	ng		89
4) n-Nitrosodimethylamine	3.773	42	35810	43.93	ng	#	79
6) Aniline	7.381	93	37934	22.86	ng		96
8) 2-Chlorophenol	7.628	128	58153	52.44	ng		98
9) Benzaldehyde	7.187	77	38591	39.39	ng	#	84
10) Phenol	7.258	94	77659	53.41	ng		96
11) bis(2-Chloroethyl)ether	7.475	93	47590	48.57	ng		97
12) 1,3-Dichlorobenzene	7.951	146	59432	46.61	ng		97
13) 1,4-Dichlorobenzene	8.098	146	59880	46.08	ng		93
14) 1,2-Dichlorobenzene	8.421	146	60301	50.30	ng		95
15) Benzyl Alcohol	8.303	79	64459	49.47	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.585	45	52935	49.83	ng		92
17) 2-Methylphenol	8.515	107	48635	52.39	ng		95
18) Hexachloroethane	9.155	117	23502	46.05	ng		87
19) n-Nitroso-di-n-propyla...	8.867	70	46483	46.59	ng		94
20) 3+4-Methylphenols	8.844	107	65896	51.45	ng		97
22) Acetophenone	8.891	105	86905	42.31	ng	#	97
24) Nitrobenzene	9.279	77	73598	41.86	ng		100
25) Isophorone	9.802	82	127116	40.78	ng	#	94
26) 2-Nitrophenol	9.996	139	32192	42.30	ng		92
27) 2,4-Dimethylphenol	10.054	122	57289	48.97	ng		86
28) bis(2-Chloroethoxy)met...	10.283	93	66167	48.72	ng	#	89
29) 2,4-Dichlorophenol	10.542	162	59646	45.21	ng		90
30) 1,2,4-Trichlorobenzene	10.748	180	63809	41.70	ng		92
31) Naphthalene	10.941	128	175137	43.25	ng		99
32) Benzoic acid	10.231	122	19467	28.40	ng		88
33) 4-Chloroaniline	11.053	127	22435	13.31	ng	#	90
34) Hexachlorobutadiene	11.224	225	44729	39.38	ng		93
35) Caprolactam	11.829	113	20033m	44.68	ng		
36) 4-Chloro-3-methylphenol	12.187	107	67515	45.18	ng		97
37) 2-Methylnaphthalene	12.551	142	138272	42.73	ng		97
38) 1-Methylnaphthalene	12.769	142	127333	42.29	ng		99
40) 1,2,4,5-Tetrachloroben...	12.916	216	76282	43.49	ng		99
41) Hexachlorocyclopentadiene	12.892	237	50869	55.14	ng		98
43) 2,4,6-Trichlorophenol	13.162	196	52760	45.07	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.239	196	55940	45.00	ng		95
46) 1,1'-Biphenyl	13.556	154	179202	45.02	ng		97
47) 2-Chloronaphthalene	13.603	162	137543	45.24	ng		95
48) 2-Nitroaniline	13.803	65	51333	46.98	ng		96
49) Acenaphthylene	14.449	152	233856	49.30	ng		96
50) Dimethylphthalate	14.173	163	205527	50.84	ng		97
51) 2,6-Dinitrotoluene	14.296	165	39959	42.85	ng		97
52) Acenaphthene	14.790	154	143511	47.64	ng		96
53) 3-Nitroaniline	14.631	138	19721	22.03	ng	#	94
54) 2,4-Dinitrophenol	14.843	184	39086	70.49	ng		99
55) Dibenzofuran	15.125	168	221540	44.43	ng		97
56) 4-Nitrophenol	14.954	139	61560	92.81	ng		96
57) 2,4-Dinitrotoluene	15.090	165	60133	44.40	ng		97
58) Fluorene	15.777	166	186549	45.55	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.354	232	47055	40.91	ng		95
60) Diethylphthalate	15.536	149	190515	45.56	ng		99
61) 4-Chlorophenyl-phenyle...	15.759	204	102809	45.65	ng		96
62) 4-Nitroaniline	15.800	138	39901	41.69	ng		92
63) Azobenzene	16.059	77	191841	45.55	ng		94
65) 4,6-Dinitro-2-methylph...	15.859	198	32407	36.70	ng		94
66) n-Nitrosodiphenylamine	15.977	169	166190	44.58	ng		95
67) 4-Bromophenyl-phenylether	16.658	248	65162	42.92	ng		99
68) Hexachlorobenzene	16.782	284	68747	44.70	ng		98
69) Atrazine	16.929	200	73765	47.58	ng		99
70) Pentachlorophenol	17.134	266	64118	78.25	ng		96
71) Phenanthrene	17.528	178	351509	51.34	ng		96
72) Anthracene	17.616	178	322008	47.53	ng		98
73) Carbazole	17.886	167	279076	43.01	ng		99
74) Di-n-butylphthalate	18.433	149	323064	44.41	ng		98
75) Fluoranthene	19.537	202	504154	58.23	ng		98
77) Benzidine	19.714	184	148848	46.87	ng		99
78) Pyrene	19.902	202	492871	60.92	ng		98
80) Butylbenzylphthalate	20.777	149	141862	44.84	ng		99
81) Benzo(a)anthracene	21.764	228	465670	58.27	ng		98
82) 3,3'-Dichlorobenzidine	21.670	252	49502	18.06	ng		97
83) Chrysene	21.835	228	413881	54.37	ng		97
84) Bis(2-ethylhexyl)phtha...	21.647	149	197670	44.63	ng		97
85) Di-n-octyl phthalate	22.898	149	339736	45.06	ng		100
87) Indeno(1,2,3-cd)pyrene	28.956	276	479865	53.57	ng	#	77
88) Benzo(b)fluoranthene	24.056	252	508637	61.48	ng		96
89) Benzo(k)fluoranthene	24.126	252	375852m	48.31	ng		
90) Benzo(a)pyrene	24.966	252	423065	55.51	ng		94
91) Dibenzo(a,h)anthracene	29.014	278	354642	46.16	ng	#	98
92) Benzo(g,h,i)perylene	30.172	276	406015	53.54	ng		99

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

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