Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061421\
Data File : BG048966.D
Acq On : 15 Jun 2021 5:08
Operator : CG/JU
Sample : M2673-04MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
17-B6(88-92)MSD

Manual Integrations APPROVED
mohammad
6/15/2021 2:38:43 PM

Quant Time: Jun 15 06:28:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.121	152	42590	20.00	ng	0.00
21) Naphthalene-d8	10.947	136	169383	20.00	ng	# 0.00
39) Acenaphthene-d10	14.760	164	120683	20.00	ng	0.00
64) Phenanthrene-d10	17.510	188	267740	20.00	ng	# 0.00
76) Chrysene-d12	21.805	240	259816	20.00	ng	-0.01
86) Perylene-d12	25.148	264	272553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	347605	127.05	ng	0.01
7) Phenol-d6	7.275	99	421228	102.72	ng	0.01
23) Nitrobenzene-d5	9.290	82	356347	90.72	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	240314	134.40	ng	0.00
45) 2-Fluorobiphenyl	13.385	172	727245	85.13	ng	0.00
79) Terphenyl-d14	20.118	244	1167730	82.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.555	88	44222	33.11	ng	# 1
3) Pyridine	3.961	79	104090	28.73	ng	# 85
4) n-Nitrosodimethylamine	3.867	42	86194	49.68	ng	# 79
6) Aniline	7.439	93	78746	15.25	ng	# 88
8) 2-Chlorophenol	7.686	128	134554	44.62	ng	86
9) Benzaldehyde	7.251	77	107520	50.67	ng	# 84
10) Phenol	7.304	94	162374	38.33	ng	93
11) bis(2-Chloroethyl)ether	7.533	93	132949	42.30	ng	84
12) 1,3-Dichlorobenzene	8.009	146	125799	37.34	ng	98
13) 1,4-Dichlorobenzene	8.156	146	126492	37.66	ng	98
14) 1,2-Dichlorobenzene	8.479	146	127341	39.41	ng	91
15) Benzyl Alcohol	8.356	79	160416	42.71	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.649	45	237201	39.88	ng	81
17) 2-Methylphenol	8.567	107	122857	44.22	ng	97
18) Hexachloroethane	9.213	117	50260	37.30	ng	98
19) n-Nitroso-di-n-propyla...	8.926	70	122969	38.36	ng	97
20) 3+4-Methylphenols	8.896	107	164363	43.27	ng	96
22) Acetophenone	8.949	105	233564	45.32	ng	# 97
24) Nitrobenzene	9.331	77	194382	43.93	ng	99
25) Isophorone	9.860	82	320735	37.48	ng	98
26) 2-Nitrophenol	10.048	139	73610	49.04	ng	94
27) 2,4-Dimethylphenol	10.106	122	132487	48.68	ng	97
28) bis(2-Chloroethoxy)met...	10.336	93	177450	44.78	ng	# 97
29) 2,4-Dichlorophenol	10.594	162	136505	44.71	ng	95
30) 1,2,4-Trichlorobenzene	10.806	180	146566	41.87	ng	95
31) Naphthalene	10.994	128	407205	40.35	ng	97
32) Benzoic acid	10.248	122	78761	44.31	ng	# 79
33) 4-Chloroaniline	11.105	127	16769	3.91	ng	# 91
34) Hexachlorobutadiene	11.282	225	99630	39.94	ng	96
35) Caprolactam	11.875	113	33284m	37.71	ng	
36) 4-Chloro-3-methylphenol	12.222	107	159547	42.75	ng	# 92
37) 2-Methylnaphthalene	12.598	142	308952	40.53	ng	96
38) 1-Methylnaphthalene	12.815	142	285668	39.92	ng	92
40) 1,2,4,5-Tetrachloroben...	12.962	216	174941	45.65	ng	98
41) Hexachlorocyclopentadiene	12.944	237	191929	77.91	ng	91
43) 2,4,6-Trichlorophenol	13.197	196	121700	47.46	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.285	196	135763	51.21	ng		89
46) 1,1'-Biphenyl	13.597	154	386900	43.48	ng		98
47) 2-Chloronaphthalene	13.644	162	303634	42.73	ng		98
48) 2-Nitroaniline	13.837	65	126219	48.39	ng		95
49) Acenaphthylene	14.490	152	503515	42.53	ng		98
50) Dimethylphthalate	14.213	163	435595	46.34	ng		99
51) 2,6-Dinitrotoluene	14.331	165	91207	47.64	ng		94
52) Acenaphthene	14.830	154	351375m	46.04	ng		
53) 3-Nitroaniline	14.660	138	37312	19.25	ng	#	97
54) 2,4-Dinitrophenol	14.866	184	76201	85.93	ng		94
55) Dibenzofuran	15.165	168	493709	41.62	ng		98
56) 4-Nitrophenol	14.983	139	127042	80.40	ng		87
57) 2,4-Dinitrotoluene	15.118	165	126372	53.74	ng		96
58) Fluorene	15.812	166	408579	42.12	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.389	232	119890	44.67	ng	#	99
60) Diethylphthalate	15.577	149	436227	42.85	ng		97
61) 4-Chlorophenyl-phenyle...	15.800	204	222289	43.83	ng		98
62) 4-Nitroaniline	15.823	138	82852	42.27	ng	#	83
63) Azobenzene	16.094	77	456532	39.19	ng		87
65) 4,6-Dinitro-2-methylph...	15.876	198	55461	43.68	ng		84
66) n-Nitrosodiphenylamine	16.017	169	352238	42.22	ng		98
67) 4-Bromophenyl-phenylether	16.699	248	151501	45.32	ng		94
68) Hexachlorobenzene	16.816	284	161380	44.54	ng		99
69) Atrazine	16.963	200	146899	54.85	ng		97
70) Pentachlorophenol	17.163	266	193528	88.87	ng		100
71) Phenanthrene	17.557	178	638396	42.38	ng		98
72) Anthracene	17.645	178	653013	43.14	ng		98
73) Carbazole	17.915	167	598136	41.22	ng		98
74) Di-n-butylphthalate	18.473	149	718024	44.12	ng		98
75) Fluoranthene	19.560	202	758070	41.73	ng		98
77) Benzidine	19.736	184	269638	51.52	ng		99
78) Pyrene	19.924	202	757007	40.14	ng		96
80) Butylbenzylphthalate	20.806	149	317856	44.67	ng		99
81) Benzo(a)anthracene	21.787	228	771869	41.38	ng		98
82) 3,3'-Dichlorobenzidine	21.693	252	161466	27.07	ng		94
83) Chrysene	21.857	228	735752	41.14	ng		95
84) Bis(2-ethylhexyl)phtha...	21.693	149	491273	48.44	ng		97
85) Di-n-octyl phthalate	22.950	149	769543	44.74	ng		96
87) Indeno(1,2,3-cd)pyrene	28.973	276	932382	45.46	ng	#	97
88) Benzo(b)fluoranthene	24.084	252	811695	41.78	ng	#	95
89) Benzo(k)fluoranthene	24.155	252	770853	41.82	ng	#	99
90) Benzo(a)pyrene	24.989	252	779154	43.93	ng	#	97
91) Dibenzo(a,h)anthracene	29.049	278	779164	45.45	ng	#	95
92) Benzo(g,h,i)perylene	30.171	276	783625	45.33	ng	#	97

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

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