Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
Data File : BG048919.D
Acq On : 12 Jun 2021 19:24
Operator : CG/JU
Sample : M2625-21MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
18-B12(138-142)MSD

Manual Integrations APPROVED
mohammad
6/15/2021 2:37:56 PM

Quant Time: Jun 14 03:16:47 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	8.125	152	42073	20.000	ng	0.00
21) Naphthalene-d8	10.952	136	174607	20.000	ng	# 0.00
39) Acenaphthene-d10	14.771	164	124106	20.000	ng	0.00
64) Phenanthrene-d10	17.520	188	293256	20.000	ng	# 0.00
76) Chrysene-d12	21.815	240	293164	20.000	ng	0.00
86) Perylene-d12	25.153	264	307622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	336383	124.460	ng	0.00
7) Phenol-d6	7.268	99	412049	101.718	ng	0.00
23) Nitrobenzene-d5	9.295	82	365738	90.320	ng	0.00
42) 2,4,6-Tribromophenol	16.257	330	241791	131.501	ng	0.00
45) 2-Fluorobiphenyl	13.390	172	739188	84.140	ng	0.00
79) Terphenyl-d14	20.123	244	1361863	85.076	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.560	88	48633	36.858	ng	# 1
3) Pyridine	3.972	79	108185	30.225	ng	91
4) n-Nitrosodimethylamine	3.872	42	85959	50.148	ng	# 77
6) Aniline	7.444	93	104967	20.576	ng	93
8) 2-Chlorophenol	7.685	128	143711	48.241	ng	89
9) Benzaldehyde	7.256	77	117066	55.849	ng	88
10) Phenol	7.297	94	162190	38.756	ng	93
11) bis(2-Chloroethyl)ether	7.538	93	142660	45.944	ng	# 76
12) 1,3-Dichlorobenzene	8.014	146	146845	44.127	ng	99
13) 1,4-Dichlorobenzene	8.161	146	149515	45.065	ng	94
14) 1,2-Dichlorobenzene	8.484	146	142366	44.605	ng	91
15) Benzyl Alcohol	8.361	79	171744	46.293	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.654	45	273243	46.508	ng	82
17) 2-Methylphenol	8.560	107	126064	45.934	ng	96
18) Hexachloroethane	9.218	117	58910	44.260	ng	94
19) n-Nitroso-di-n-propyla...	8.936	70	137775	43.511	ng	# 95
20) 3+4-Methylphenols	8.889	107	166914	44.483	ng	98
22) Acetophenone	8.954	105	245158	46.150	ng	# 95
24) Nitrobenzene	9.336	77	204554	44.845	ng	98
25) Isophorone	9.865	82	352815	39.993	ng	97
26) 2-Nitrophenol	10.053	139	73822	47.712	ng	95
27) 2,4-Dimethylphenol	10.106	122	136443	48.638	ng	96
28) bis(2-Chloroethoxy)met...	10.346	93	196079	48.001	ng	95
29) 2,4-Dichlorophenol	10.587	162	143453	45.581	ng	91
30) 1,2,4-Trichlorobenzene	10.811	180	156685	43.424	ng	92
31) Naphthalene	10.999	128	445861	42.862	ng	97
32) Benzoic acid	10.229	122	77736	42.425	ng	81
33) 4-Chloroaniline	11.104	127	16930	3.833	ng	97
34) Hexachlorobutadiene	11.287	225	109930	42.746	ng	92
35) Caprolactam	11.886	113	32043m	35.222	ng	
36) 4-Chloro-3-methylphenol	12.209	107	173276	45.044	ng	# 88
37) 2-Methylnaphthalene	12.603	142	332921	42.372	ng	98
38) 1-Methylnaphthalene	12.820	142	312681	42.389	ng	92
40) 1,2,4,5-Tetrachloroben...	12.967	216	182851	46.399	ng	98
41) Hexachlorocyclopentadiene	12.949	237	244131	96.366	ng	90
43) 2,4,6-Trichlorophenol	13.196	196	127987	48.539	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.267	196	136344	50.006	ng		91
46) 1,1'-Biphenyl	13.601	154	420799	45.990	ng		95
47) 2-Chloronaphthalene	13.648	162	327527	44.826	ng		97
48) 2-Nitroaniline	13.842	65	138280	50.879	ng		96
49) Acenaphthylene	14.495	152	551051	45.258	ng		98
50) Dimethylphthalate	14.218	163	457727	47.348	ng		100
51) 2,6-Dinitrotoluene	14.336	165	97677	49.614	ng		92
52) Acenaphthene	14.835	154	398887	50.828	ng		95
53) 3-Nitroaniline	14.665	138	42719	21.432	ng		90
54) 2,4-Dinitrophenol	14.865	184	99889	109.535	ng		98
55) Dibenzofuran	15.170	168	540222	44.285	ng		98
56) 4-Nitrophenol	14.959	139	146113	89.917	ng		87
57) 2,4-Dinitrotoluene	15.123	165	143084	59.169	ng		94
58) Fluorene	15.816	166	455158	45.628	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.388	232	133570	48.397	ng		100
60) Diethylphthalate	15.581	149	502358	47.980	ng		97
61) 4-Chlorophenyl-phenyle...	15.805	204	243489	46.681	ng		95
62) 4-Nitroaniline	15.828	138	100750	49.981	ng	#	80
63) Azobenzene	16.099	77	531956	44.404	ng		88
65) 4,6-Dinitro-2-methylph...	15.881	198	69872	50.245	ng		84
66) n-Nitrosodiphenylamine	16.022	169	403662	44.169	ng		97
67) 4-Bromophenyl-phenylether	16.704	248	159232	43.486	ng		98
68) Hexachlorobenzene	16.821	284	183359	46.201	ng		98
69) Atrazine	16.968	200	174166	59.372	ng		95
70) Pentachlorophenol	17.162	266	230137	96.490	ng		94
71) Phenanthrene	17.561	178	751258	45.528	ng		98
72) Anthracene	17.656	178	770677	46.480	ng		99
73) Carbazole	17.914	167	719448	45.266	ng		96
74) Di-n-butylphthalate	18.478	149	884226	49.602	ng		97
75) Fluoranthene	19.565	202	932183	46.848	ng		97
77) Benzidine	19.741	184	178471	30.220	ng		99
78) Pyrene	19.929	202	947235	44.516	ng		96
80) Butylbenzylphthalate	20.817	149	380416	47.385	ng		97
81) Benzo(a)anthracene	21.792	228	927949	44.085	ng		99
82) 3,3'-Dichlorobenzidine	21.704	252	161472	23.988	ng		99
83) Chrysene	21.862	228	899461	44.567	ng		96
84) Bis(2-ethylhexyl)phtha...	21.704	149	556079	48.593	ng		96
85) Di-n-octyl phthalate	22.973	149	931272	47.983	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.989	276	1082732	46.768	ng	#	97
88) Benzo(b)fluoranthene	24.095	252	1000160	45.608	ng	#	96
89) Benzo(k)fluoranthene	24.166	252	937435	45.055	ng	#	97
90) Benzo(a)pyrene	25.000	252	940810	46.999	ng	#	95
91) Dibenzo(a,h)anthracene	29.066	278	904085	46.726	ng	#	95
92) Benzo(g,h,i)perylene	30.194	276	918053	47.054	ng	#	95

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

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