Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070621\
Data File : BG049188.D
Acq On : 6 Jul 2021 16:50
Operator : CG/JU
Sample : M2933-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4MSD

Manual Integrations APPROVED
mohammad
7/7/2021 6:21:25 PM

Quant Time: Jul 06 17:30:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	35539	20.000	ng	# 0.00
21) Naphthalene-d8	10.912	136	140973	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	96523	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	210153	20.000	ng	# 0.00
76) Chrysene-d12	21.770	240	202775	20.000	ng	0.00
86) Perylene-d12	25.078	264	214289	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	161382	71.124	ng	0.00
7) Phenol-d6	7.246	99	219081	67.723	ng	0.00
23) Nitrobenzene-d5	9.255	82	152607	45.896	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	111905	66.878	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	318704	44.547	ng	0.00
79) Terphenyl-d14	20.083	244	496590	41.498	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.509	88	32871	32.997	ng	# 77
3) Pyridine	3.920	79	103424	38.398	ng	93
4) n-Nitrosodimethylamine	3.826	42	67844	44.348	ng	# 83
6) Aniline	7.404	93	161101	40.904	ng	92
8) 2-Chlorophenol	7.651	128	120112	48.248	ng	92
9) Benzaldehyde	7.216	77	87006	51.134	ng	# 87
10) Phenol	7.269	94	157440	48.447	ng	91
11) bis(2-Chloroethyl)ether	7.498	93	104738	44.187	ng	84
12) 1,3-Dichlorobenzene	7.974	146	128676	46.214	ng	97
13) 1,4-Dichlorobenzene	8.121	146	129895	46.392	ng	99
14) 1,2-Dichlorobenzene	8.444	146	126132	46.791	ng	95
15) Benzyl Alcohol	8.321	79	134945	47.372	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.615	45	181929	45.212	ng	85
17) 2-Methylphenol	8.532	107	107050	48.886	ng	97
18) Hexachloroethane	9.179	117	46700	41.768	ng	93
19) n-Nitroso-di-n-propyla...	8.897	70	99479	42.789	ng	98
20) 3+4-Methylphenols	8.861	107	143269	47.193	ng	96
22) Acetophenone	8.914	105	196382	46.700	ng	# 96
24) Nitrobenzene	9.296	77	159005	44.134	ng	97
25) Isophorone	9.825	82	260993	40.863	ng	98
26) 2-Nitrophenol	10.007	139	35292	24.606	ng	94
27) 2,4-Dimethylphenol	10.072	122	111997	52.044	ng	90
28) bis(2-Chloroethoxy)met...	10.301	93	148543	49.321	ng	93
29) 2,4-Dichlorophenol	10.553	162	123416	47.822	ng	92
30) 1,2,4-Trichlorobenzene	10.771	180	141697	46.622	ng	99
31) Naphthalene	10.959	128	373618	45.520	ng	99
32) Benzoic acid	10.172	122	37988m	25.275	ng	
33) 4-Chloroaniline	11.065	127	116298	34.267	ng	93
34) Hexachlorobutadiene	11.241	225	100681	44.838	ng	96
35) Caprolactam	11.858	113	39081	47.713	ng	# 50
36) 4-Chloro-3-methylphenol	12.187	107	138555	46.659	ng	# 93
37) 2-Methylnaphthalene	12.563	142	287962	46.588	ng	96
38) 1-Methylnaphthalene	12.780	142	263876	45.079	ng	93
40) 1,2,4,5-Tetrachloroben...	12.927	216	168976	50.180	ng	97
41) Hexachlorocyclopentadiene	12.910	237	68515	34.349	ng	94
43) 2,4,6-Trichlorophenol	13.168	196	109676	47.167	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	119648	47.053	ng		90
46) 1,1'-Biphenyl	13.568	154	355516	49.304	ng		97
47) 2-Chloronaphthalene	13.609	162	283913	47.850	ng		97
48) 2-Nitroaniline	13.808	65	115097	53.198	ng		94
49) Acenaphthylene	14.455	152	446329	47.713	ng		97
50) Dimethylphthalate	14.185	163	397951	51.372	ng		99
51) 2,6-Dinitrotoluene	14.302	165	66019	37.177	ng		91
52) Acenaphthene	14.796	154	265488	45.537	ng		95
53) 3-Nitroaniline	14.631	138	82790	48.535	ng		85
54) 2,4-Dinitrophenol	14.843	184	5392	9.301	ng		91
55) Dibenzofuran	15.130	168	435321	45.867	ng		97
56) 4-Nitrophenol	14.942	139	109300	78.630	ng		89
57) 2,4-Dinitrotoluene	15.089	165	95553	37.880	ng		94
58) Fluorene	15.777	166	359767	45.832	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.354	232	105863	44.723	ng		97
60) Diethylphthalate	15.542	149	378998	46.173	ng		98
61) 4-Chlorophenyl-phenyle...	15.771	204	199678	45.958	ng		97
62) 4-Nitroaniline	15.800	138	94600	53.386	ng	#	84
63) Azobenzene	16.059	77	371135	44.849	ng		90
65) 4,6-Dinitro-2-methylph...	15.853	198	4954	3.300	ng		91
66) n-Nitrosodiphenylamine	15.982	169	312645	47.568	ng		98
67) 4-Bromophenyl-phenylether	16.664	248	134824	47.555	ng		93
68) Hexachlorobenzene	16.787	284	150502	48.017	ng		95
69) Atrazine	16.928	200	127584	58.452	ng		97
70) Pentachlorophenol	17.134	266	119539	65.521	ng		96
71) Phenanthrene	17.522	178	559471	46.232	ng		97
72) Anthracene	17.616	178	572768	47.478	ng		99
73) Carbazole	17.880	167	509523	44.300	ng		98
74) Di-n-butylphthalate	18.438	149	614163	46.442	ng		98
75) Fluoranthene	19.531	202	675998	44.621	ng		97
77) Benzidine	19.707	184	278685	63.984	ng		98
78) Pyrene	19.895	202	678694	45.063	ng		98
80) Butylbenzylphthalate	20.771	149	268765	47.102	ng		98
81) Benzo(a)anthracene	21.752	228	684880	45.283	ng		99
82) 3,3'-Dichlorobenzidine	21.658	252	201686	39.199	ng		95
83) Chrysene	21.817	228	643714	44.801	ng		96
84) Bis(2-ethylhexyl)phtha...	21.646	149	381591	47.348	ng		97
85) Di-n-octyl phthalate	22.886	149	652672	48.117	ng		96
87) Indeno(1,2,3-cd)pyrene	28.873	276	773264	45.223	ng	#	98
88) Benzo(b)fluoranthene	24.026	252	716683	46.346	ng	#	92
89) Benzo(k)fluoranthene	24.096	252	672479	45.584	ng	#	98
90) Benzo(a)pyrene	24.925	252	694022	48.652	ng	#	96
91) Dibenzo(a,h)anthracene	28.932	278	667579	46.256	ng	#	98
92) Benzo(g,h,i)perylene	30.054	276	618614	43.483	ng		97

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

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