Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048884.D
Acq On : 26 Apr 2021 18:54
Operator : CG/JU
Sample : M2125-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB-2021-WS-000-07MSD

Manual Integrations APPROVED
mohammad
4/27/2021 12:11:05 PM

Quant Time: Apr 27 04:44:12 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 27 04:39:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.041	152	18261	20.00	ng		0.00
21) Naphthalene-d8	10.861	136	72918	20.00	ng		# 0.00
39) Acenaphthene-d10	14.686	164	50806	20.00	ng		0.00
64) Phenanthrene-d10	17.436	188	133434	20.00	ng		0.00
76) Chrysene-d12	21.719	240	127055	20.00	ng		0.00
86) Perylene-d12	25.003	264	128775	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.602	112	166427	152.43	ng		0.00
7) Phenol-d6	7.212	99	198181	128.32	ng		0.00
23) Nitrobenzene-d5	9.216	82	177490	108.98	ng		0.00
42) 2,4,6-Tribromophenol	16.178	330	103974	152.63	ng		0.00
45) 2-Fluorobiphenyl	13.305	172	376637	107.06	ng		0.00
79) Terphenyl-d14	20.044	244	731094	99.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	17010	39.76	ng	#	19
3) Pyridine	3.869	79	43979	39.44	ng		88
4) n-Nitrosodimethylamine	3.769	42	40647	47.74	ng	#	85
6) Aniline	7.359	93	50501	29.13	ng		96
8) 2-Chlorophenol	7.606	128	64895	56.03	ng		94
9) Benzaldehyde	7.177	77	45848	44.80	ng		90
10) Phenol	7.242	94	78354	51.60	ng		95
11) bis(2-Chloroethyl)ether	7.453	93	58354	57.02	ng		94
12) 1,3-Dichlorobenzene	7.929	146	70039	52.59	ng		99
13) 1,4-Dichlorobenzene	8.076	146	71559	52.73	ng		96
14) 1,2-Dichlorobenzene	8.399	146	67986	54.29	ng		92
15) Benzyl Alcohol	8.282	79	72564	53.32	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.569	45	59852	53.95	ng		98
17) 2-Methylphenol	8.493	107	54304	56.01	ng		92
18) Hexachloroethane	9.122	117	26542	49.79	ng		90
19) n-Nitroso-di-n-propyla...	8.846	70	55407	53.18	ng	#	86
20) 3+4-Methylphenols	8.822	107	71467	53.43	ng		96
22) Acetophenone	8.869	105	105277	55.47	ng	#	96
24) Nitrobenzene	9.257	77	86603	53.31	ng		94
25) Isophorone	9.774	82	145260	50.43	ng		98
26) 2-Nitrophenol	9.968	139	37563	53.42	ng		95
27) 2,4-Dimethylphenol	10.032	122	63299	58.56	ng		88
28) bis(2-Chloroethoxy)met...	10.256	93	75321	60.03	ng		99
29) 2,4-Dichlorophenol	10.514	162	65995	54.13	ng		94
30) 1,2,4-Trichlorobenzene	10.720	180	73681	52.12	ng		95
31) Naphthalene	10.914	128	201840	53.94	ng		99
32) Benzoic acid	10.250	122	6694m	10.57	ng		
33) 4-Chloroaniline	11.025	127	13699	8.80	ng	#	89
34) Hexachlorobutadiene	11.184	225	53449	50.93	ng		97
35) Caprolactam	11.789	113	17618m	42.53	ng		
36) 4-Chloro-3-methylphenol	12.153	107	78135	56.59	ng		94
37) 2-Methylnaphthalene	12.512	142	154740	51.75	ng		98
38) 1-Methylnaphthalene	12.735	142	143247	51.49	ng		95
40) 1,2,4,5-Tetrachloroben...	12.882	216	89884	54.35	ng		98
41) Hexachlorocyclopentadiene	12.859	237	48282	55.47	ng		98
43) 2,4,6-Trichlorophenol	13.123	196	56144	50.87	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.205	196	59246	50.55	ng		97
46) 1,1'-Biphenyl	13.517	154	204346	54.45	ng		98
47) 2-Chloronaphthalene	13.564	162	158721	55.37	ng		99
48) 2-Nitroaniline	13.769	65	59310	57.58	ng		93
49) Acenaphthylene	14.410	152	248010	55.45	ng		93
50) Dimethylphthalate	14.134	163	225440	59.15	ng		98
51) 2,6-Dinitrotoluene	14.257	165	47009	53.47	ng		95
52) Acenaphthene	14.750	154	154182	54.29	ng		99
53) 3-Nitroaniline	14.592	138	21920	25.97	ng		96
54) 2,4-Dinitrophenol	14.809	184	28339	55.43	ng		93
55) Dibenzofuran	15.085	168	246551	52.44	ng		97
56) 4-Nitrophenol	14.921	139	59921	95.82	ng		95
57) 2,4-Dinitrotoluene	15.050	165	71700	56.16	ng	#	98
58) Fluorene	15.732	166	208334	53.96	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.315	232	53837	49.65	ng		96
60) Diethylphthalate	15.491	149	216813	54.99	ng		99
61) 4-Chlorophenyl-phenyle...	15.720	204	113009	53.22	ng		97
62) 4-Nitroaniline	15.761	138	48682	53.95	ng	#	85
63) Azobenzene	16.014	77	214424	54.00	ng		92
65) 4,6-Dinitro-2-methylph...	15.820	198	33636	37.65	ng		96
66) n-Nitrosodiphenylamine	15.937	169	193093	51.20	ng		96
67) 4-Bromophenyl-phenylether	16.619	248	73689	47.98	ng		98
68) Hexachlorobenzene	16.736	284	80483	51.74	ng		95
69) Atrazine	16.883	200	81580	52.02	ng		96
70) Pentachlorophenol	17.089	266	59498	71.78	ng		96
71) Phenanthrene	17.477	178	356622	51.49	ng		95
72) Anthracene	17.571	178	363227	53.00	ng		97
73) Carbazole	17.841	167	331347	50.48	ng		100
74) Di-n-butylphthalate	18.387	149	399821	54.33	ng		99
75) Fluoranthene	19.492	202	456333	52.10	ng		97
77) Benzidine	19.668	184	79604	23.07	ng		98
78) Pyrene	19.850	202	457518	52.05	ng		100
80) Butylbenzylphthalate	20.726	149	182642	53.14	ng		98
81) Benzo(a)anthracene	21.701	228	429902	49.51	ng		97
82) 3,3'-Dichlorobenzidine	21.607	252	79689	26.76	ng		97
83) Chrysene	21.766	228	409831	49.55	ng		99
84) Bis(2-ethylhexyl)phtha...	21.584	149	250890	52.14	ng		98
85) Di-n-octyl phthalate	22.812	149	434701	53.06	ng		99
87) Indeno(1,2,3-cd)pyrene	28.769	276	486170	51.40	ng		99
88) Benzo(b)fluoranthene	23.957	252	449947	51.50	ng		95
89) Benzo(k)fluoranthene	24.028	252	420776	51.22	ng		99
90) Benzo(a)pyrene	24.850	252	418828	52.04	ng	#	96
91) Dibenzo(a,h)anthracene	28.834	278	410086	50.55	ng		97
92) Benzo(g,h,i)perylene	29.968	276	401526	50.14	ng		99

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

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