Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
Data File : BG049175.D
Acq On : 2 Jul 2021 20:13
Operator : CG/JU
Sample : M2904-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3MSD

Manual Integrations APPROVED
mohammad
7/7/2021 11:34:44 AM

Quant Time: Jul 03 01:10:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.084	152	35158	20.00	ng		-0.01
21) Naphthalene-d8	10.904	136	149464	20.00	ng		# 0.00
39) Acenaphthene-d10	14.729	164	111992	20.00	ng		-0.01
64) Phenanthrene-d10	17.479	188	249553	20.00	ng		# 0.00
76) Chrysene-d12	21.768	240	235857	20.00	ng		0.00
86) Perylene-d12	25.070	264	248563	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	275699	122.82	ng		0.00
7) Phenol-d6	7.244	99	374288	116.95	ng		0.00
23) Nitrobenzene-d5	9.253	82	264053	74.90	ng		0.00
42) 2,4,6-Tribromophenol	16.221	330	222548	114.63	ng		0.00
45) 2-Fluorobiphenyl	13.354	172	571455	68.84	ng		0.00
79) Terphenyl-d14	20.087	244	914849	65.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.507	88	33859	34.36	ng	#	75
3) Pyridine	3.912	79	87940	33.00	ng		87
4) n-Nitrosodimethylamine	3.824	42	73102	48.30	ng	#	90
6) Aniline	7.408	93	167359	42.95	ng		95
8) 2-Chlorophenol	7.649	128	127683	51.84	ng		91
9) Benzaldehyde	7.214	77	88877	52.80	ng		90
10) Phenol	7.267	94	166864	51.90	ng		93
11) bis(2-Chloroethyl)ether	7.496	93	112543	47.99	ng		82
12) 1,3-Dichlorobenzene	7.978	146	126089	45.78	ng		97
13) 1,4-Dichlorobenzene	8.119	146	127468	46.02	ng		97
14) 1,2-Dichlorobenzene	8.442	146	125142	46.93	ng		93
15) Benzyl Alcohol	8.325	79	142607	50.60	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.613	45	190394	47.83	ng		83
17) 2-Methylphenol	8.530	107	113285	52.29	ng		96
18) Hexachloroethane	9.177	117	52821	47.75	ng		98
19) n-Nitroso-di-n-propyla...	8.895	70	108436	47.15	ng		99
20) 3+4-Methylphenols	8.859	107	152516	50.78	ng		94
22) Acetophenone	8.912	105	206573	46.33	ng	#	96
24) Nitrobenzene	9.300	77	169975	44.50	ng		98
25) Isophorone	9.823	82	285273	42.13	ng		98
26) 2-Nitrophenol	10.011	139	72041	47.37	ng		94
27) 2,4-Dimethylphenol	10.070	122	120667	52.89	ng		96
28) bis(2-Chloroethoxy)met...	10.305	93	159617	49.99	ng	#	93
29) 2,4-Dichlorophenol	10.552	162	132149	48.30	ng		91
30) 1,2,4-Trichlorobenzene	10.769	180	141164	43.81	ng		97
31) Naphthalene	10.957	128	381604	43.85	ng		100
32) Benzoic acid	10.228	122	84166	45.98	ng	#	83
33) 4-Chloroaniline	11.057	127	94010	26.13	ng		97
34) Hexachlorobutadiene	11.245	225	103772	43.59	ng		93
35) Caprolactam	11.856	113	45293m	52.16	ng		
36) 4-Chloro-3-methylphenol	12.185	107	154901	49.20	ng	#	91
37) 2-Methylnaphthalene	12.561	142	298441	45.54	ng		97
38) 1-Methylnaphthalene	12.778	142	276475m	44.55	ng		
40) 1,2,4,5-Tetrachloroben...	12.925	216	175682	44.97	ng		98
41) Hexachlorocyclopentadiene	12.908	237	248974	107.58	ng		92
43) 2,4,6-Trichlorophenol	13.166	196	123163	45.65	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.237	196	137924	46.75	ng		91
46) 1,1'-Biphenyl	13.566	154	382201	45.68	ng		99
47) 2-Chloronaphthalene	13.613	162	301720	43.83	ng		98
48) 2-Nitroaniline	13.807	65	119161	47.47	ng		98
49) Acenaphthylene	14.459	152	484207	44.61	ng		98
50) Dimethylphthalate	14.183	163	412909	45.94	ng		99
51) 2,6-Dinitrotoluene	14.300	165	90263	43.81	ng		92
52) Acenaphthene	14.800	154	298150	44.08	ng		94
53) 3-Nitroaniline	14.635	138	64130	32.40	ng		90
54) 2,4-Dinitrophenol	14.841	184	104038	73.95	ng		92
55) Dibenzofuran	15.129	168	479267	43.52	ng		98
56) 4-Nitrophenol	14.946	139	147808	91.65	ng		93
57) 2,4-Dinitrotoluene	15.087	165	132374	45.23	ng		95
58) Fluorene	15.781	166	404673	44.43	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.352	232	130715	47.59	ng	#	97
60) Diethylphthalate	15.546	149	440128	46.21	ng		96
61) 4-Chlorophenyl-phenyle...	15.769	204	222101	44.06	ng		97
62) 4-Nitroaniline	15.798	138	89769	43.66	ng		87
63) Azobenzene	16.063	77	425900	44.36	ng		89
65) 4,6-Dinitro-2-methylph...	15.851	198	76925	43.15	ng		90
66) n-Nitrosodiphenylamine	15.986	169	355216	45.51	ng		98
67) 4-Bromophenyl-phenylether	16.662	248	152689	45.35	ng		94
68) Hexachlorobenzene	16.785	284	169025	45.41	ng		96
69) Atrazine	16.932	200	150570	58.09	ng		99
70) Pentachlorophenol	17.132	266	212724	98.19	ng		97
71) Phenanthrene	17.526	178	651497	45.34	ng		99
72) Anthracene	17.614	178	654325	45.68	ng		98
73) Carbazole	17.884	167	581327	42.56	ng		96
74) Di-n-butylphthalate	18.436	149	726690	46.28	ng		98
75) Fluoranthene	19.529	202	773430	42.99	ng		98
77) Benzidine	19.706	184	377542	74.52	ng		98
78) Pyrene	19.894	202	780492	44.55	ng		96
80) Butylbenzylphthalate	20.769	149	311607	46.95	ng		98
81) Benzo(a)anthracene	21.744	228	780472	44.37	ng		99
82) 3,3'-Dichlorobenzidine	21.656	252	206891	34.57	ng		98
83) Chrysene	21.815	228	742759	44.44	ng		96
84) Bis(2-ethylhexyl)phtha...	21.644	149	442484	47.20	ng		97
85) Di-n-octyl phthalate	22.890	149	756732	47.96	ng		97
87) Indeno(1,2,3-cd)pyrene	28.865	276	941593	47.47	ng	#	97
88) Benzo(b)fluoranthene	24.018	252	836037	46.61	ng	#	98
89) Benzo(k)fluoranthene	24.094	252	775156	45.30	ng	#	99
90) Benzo(a)pyrene	24.917	252	794888	48.04	ng		97
91) Dibenzo(a,h)anthracene	28.930	278	786987	47.01	ng	#	98
92) Benzo(g,h,i)perylene	30.058	276	785416	47.60	ng		98

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

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