Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070821\
Data File : BG049220.D
Acq On : 8 Jul 2021 14:57
Operator : CG/JU
Sample : M2963-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-2A-COMPMS

Manual Integrations APPROVED
mohammad
7/9/2021 2:46:31 PM

Quant Time: Jul 08 15:51:13 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	32902	20.000	ng		0.00
21) Naphthalene-d8	10.906	136	131284	20.000	ng	#	0.00
39) Acenaphthene-d10	14.731	164	98151	20.000	ng		0.00
64) Phenanthrene-d10	17.480	188	215495	20.000	ng	#	0.00
76) Chrysene-d12	21.770	240	206501	20.000	ng		0.00
86) Perylene-d12	25.077	264	219055	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	264193	125.767	ng		0.00
7) Phenol-d6	7.245	99	351099	117.231	ng		0.00
23) Nitrobenzene-d5	9.255	82	244267	78.885	ng		0.00
42) 2,4,6-Tribromophenol	16.223	330	201219	118.261	ng		0.00
45) 2-Fluorobiphenyl	13.350	172	500615	68.813	ng		0.00
79) Terphenyl-d14	20.083	244	766750	62.918	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.509	88	36838	39.943	ng	#	82
3) Pyridine	3.914	79	90537	36.308	ng		91
4) n-Nitrosodimethylamine	3.826	42	72111	50.916	ng	#	90
6) Aniline	7.404	93	148089	40.614	ng		95
8) 2-Chlorophenol	7.651	128	120066	52.095	ng		96
9) Benzaldehyde	7.216	77	79257	50.313	ng		88
10) Phenol	7.269	94	156453	52.002	ng		93
11) bis(2-Chloroethyl)ether	7.498	93	106543	48.551	ng		84
12) 1,3-Dichlorobenzene	7.974	146	124574	48.326	ng		95
13) 1,4-Dichlorobenzene	8.121	146	125838	48.545	ng		97
14) 1,2-Dichlorobenzene	8.444	146	121360	48.629	ng		94
15) Benzyl Alcohol	8.326	79	132196	50.126	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.614	45	175427	47.090	ng		85
17) 2-Methylphenol	8.526	107	102909	50.761	ng		96
18) Hexachloroethane	9.172	117	50010	48.313	ng		96
19) n-Nitroso-di-n-propyla...	8.896	70	100175	46.542	ng		98
20) 3+4-Methylphenols	8.861	107	142312	50.635	ng		97
22) Acetophenone	8.914	105	191317	48.854	ng	#	98
24) Nitrobenzene	9.296	77	155745	46.420	ng		95
25) Isophorone	9.825	82	262747	44.174	ng		96
26) 2-Nitrophenol	10.013	139	68310	51.140	ng		98
27) 2,4-Dimethylphenol	10.066	122	115929	57.847	ng		92
28) bis(2-Chloroethoxy)met...	10.301	93	142485	50.801	ng		96
29) 2,4-Dichlorophenol	10.553	162	125006	52.013	ng		90
30) 1,2,4-Trichlorobenzene	10.765	180	134491	47.517	ng		95
31) Naphthalene	10.959	128	359662	47.053	ng		98
32) Benzoic acid	10.236	122	85438	52.160	ng	#	84
33) 4-Chloroaniline	11.059	127	82367	26.060	ng		97
34) Hexachlorobutadiene	11.241	225	101621	48.597	ng		94
35) Caprolactam	11.846	113	40078m	52.541	ng		
36) 4-Chloro-3-methylphenol	12.181	107	142709	51.605	ng	#	90
37) 2-Methylnaphthalene	12.563	142	277977	48.292	ng		94
38) 1-Methylnaphthalene	12.780	142	255020	46.782	ng		92
40) 1,2,4,5-Tetrachloroben...	12.927	216	161536	47.175	ng		97
41) Hexachlorocyclopentadiene	12.903	237	245731	121.152	ng		90
43) 2,4,6-Trichlorophenol	13.162	196	114191	48.294	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.238	196	125338	48.473	ng		89
46) 1,1'-Biphenyl	13.561	154	349255	47.632	ng		98
47) 2-Chloronaphthalene	13.608	162	274565	45.507	ng		98
48) 2-Nitroaniline	13.808	65	106246	48.293	ng		98
49) Acenaphthylene	14.455	152	443693	46.644	ng		95
50) Dimethylphthalate	14.184	163	376149	47.752	ng		100
51) 2,6-Dinitrotoluene	14.302	165	83465	46.221	ng		88
52) Acenaphthene	14.795	154	269486	45.456	ng		96
53) 3-Nitroaniline	14.631	138	50663	29.208	ng		87
54) 2,4-Dinitrophenol	14.842	184	110189	88.293	ng		97
55) Dibenzofuran	15.130	168	440038	45.595	ng		98
56) 4-Nitrophenol	14.948	139	133218	94.247	ng		91
57) 2,4-Dinitrotoluene	15.089	165	116790	45.531	ng		96
58) Fluorene	15.782	166	369012	46.230	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.354	232	117298	48.732	ng		95
60) Diethylphthalate	15.542	149	388710	46.570	ng		98
61) 4-Chlorophenyl-phenyle...	15.771	204	204539	46.296	ng		97
62) 4-Nitroaniline	15.800	138	77396	42.953	ng		88
63) Azobenzene	16.059	77	370564	44.037	ng		91
65) 4,6-Dinitro-2-methylph...	15.853	198	72498	47.097	ng		90
66) n-Nitrosodiphenylamine	15.982	169	320856	47.607	ng		97
67) 4-Bromophenyl-phenylether	16.664	248	143217	49.263	ng		93
68) Hexachlorobenzene	16.787	284	154732	48.143	ng		95
69) Atrazine	16.928	200	134774	60.215	ng		99
70) Pentachlorophenol	17.128	266	195765	104.641	ng		95
71) Phenanthrene	17.522	178	583495	47.022	ng		99
72) Anthracene	17.616	178	585192	47.305	ng		98
73) Carbazole	17.886	167	524394	44.462	ng		98
74) Di-n-butylphthalate	18.432	149	639159	47.134	ng		98
75) Fluoranthene	19.531	202	711594	45.806	ng		98
77) Benzidine	19.707	184	350024	78.913	ng		98
78) Pyrene	19.895	202	708201	46.174	ng		97
80) Butylbenzylphthalate	20.771	149	277012	47.672	ng		99
81) Benzo(a)anthracene	21.746	228	701906	45.571	ng		98
82) 3,3'-Dichlorobenzidine	21.658	252	174830	33.366	ng		99
83) Chrysene	21.817	228	669418	45.749	ng		96
84) Bis(2-ethylhexyl)phtha...	21.646	149	385837	47.011	ng		98
85) Di-n-octyl phthalate	22.886	149	660230	47.796	ng		97
87) Indeno(1,2,3-cd)pyrene	28.873	276	840972	48.113	ng	#	95
88) Benzo(b)fluoranthene	24.026	252	749783	47.432	ng	#	96
89) Benzo(k)fluoranthene	24.096	252	679638	45.067	ng	#	98
90) Benzo(a)pyrene	24.925	252	705009	48.347	ng	#	98
91) Dibenzo(a,h)anthracene	28.938	278	709160	48.068	ng	#	95
92) Benzo(g,h,i)perylene	30.054	276	701757	48.254	ng		99

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

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