Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
Data File : BG049045.D
Acq On : 22 Jun 2021 14:30
Operator : CG/JU
Sample : M2746-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEW-DORP-2MSD

Manual Integrations APPROVED
mohammad
6/23/2021 4:42:17 PM

Quant Time: Jun 22 15:11:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	38717	20.000	ng	0.00
21) Naphthalene-d8	10.935	136	163339	20.000	ng	# 0.00
39) Acenaphthene-d10	14.754	164	115468	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	258496	20.000	ng	# 0.00
76) Chrysene-d12	21.793	240	241507	20.000	ng	0.00
86) Perylene-d12	25.118	264	257263	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	296621	119.261	ng	0.00
7) Phenol-d6	7.268	99	370350	99.349	ng	0.00
23) Nitrobenzene-d5	9.284	82	303660	80.163	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	229276	134.022	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	612681	74.957	ng	0.00
79) Terphenyl-d14	20.106	244	1180771	89.541	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.555	88	37965	31.267	ng	# 1
3) Pyridine	3.966	79	63963	19.419	ng	# 81
4) n-Nitrosodimethylamine	3.861	42	67485	42.783	ng	# 79
6) Aniline	7.433	93	89858	19.141	ng	94
8) 2-Chlorophenol	7.674	128	120356	43.904	ng	87
9) Benzaldehyde	7.245	77	98522	51.076	ng	90
10) Phenol	7.292	94	137946	35.820	ng	91
11) bis(2-Chloroethyl)ether	7.521	93	112536	39.384	ng	# 80
12) 1,3-Dichlorobenzene	8.003	146	119357	38.975	ng	95
13) 1,4-Dichlorobenzene	8.150	146	120202	39.370	ng	96
14) 1,2-Dichlorobenzene	8.467	146	118254	40.262	ng	92
15) Benzyl Alcohol	8.350	79	142425	41.718	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.643	45	209503	38.750	ng	82
17) 2-Methylphenol	8.555	107	105532	41.786	ng	94
18) Hexachloroethane	9.207	117	48240	39.385	ng	95
19) n-Nitroso-di-n-propyla...	8.919	70	107921	37.037	ng	# 95
20) 3+4-Methylphenols	8.884	107	141095	40.862	ng	99
22) Acetophenone	8.937	105	206029	41.460	ng	# 95
24) Nitrobenzene	9.325	77	167865	39.340	ng	98
25) Isophorone	9.848	82	291107	35.275	ng	98
26) 2-Nitrophenol	10.036	139	68483	47.315	ng	96
27) 2,4-Dimethylphenol	10.095	122	115696	44.087	ng	98
28) bis(2-Chloroethoxy)met...	10.330	93	156708	41.009	ng	95
29) 2,4-Dichlorophenol	10.582	162	124653	42.340	ng	92
30) 1,2,4-Trichlorobenzene	10.794	180	132847	39.357	ng	96
31) Naphthalene	10.988	128	372605	38.291	ng	98
32) Benzoic acid	10.236	122	71345	41.623	ng	# 77
33) 4-Chloroaniline	11.088	127	16927	4.097	ng	# 92
34) Hexachlorobutadiene	11.270	225	91992	38.238	ng	90
35) Caprolactam	11.875	113	31287m	36.763	ng	
36) 4-Chloro-3-methylphenol	12.210	107	146799	40.794	ng	# 91
37) 2-Methylnaphthalene	12.586	142	275216	37.444	ng	99
38) 1-Methylnaphthalene	12.803	142	255566	37.036	ng	91
40) 1,2,4,5-Tetrachloroben...	12.950	216	154498	42.137	ng	96
41) Hexachlorocyclopentadiene	12.932	237	210370	89.251	ng	91
43) 2,4,6-Trichlorophenol	13.185	196	113245	46.161	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.267	196	124032	48.894	ng		93
46) 1,1'-Biphenyl	13.590	154	344769	40.499	ng		98
47) 2-Chloronaphthalene	13.632	162	281125	41.353	ng		99
48) 2-Nitroaniline	13.831	65	115635	46.748	ng		98
49) Acenaphthylene	14.478	152	447464	39.500	ng		98
50) Dimethylphthalate	14.207	163	390382	43.403	ng		99
51) 2,6-Dinitrotoluene	14.325	165	84089	45.908	ng		89
52) Acenaphthene	14.818	154	272072	37.262	ng		92
53) 3-Nitroaniline	14.654	138	33341	17.979	ng		89
54) 2,4-Dinitrophenol	14.860	184	100630	118.603	ng		95
55) Dibenzofuran	15.153	168	441871	38.932	ng		99
56) 4-Nitrophenol	14.965	139	123856	81.922	ng		90
57) 2,4-Dinitrotoluene	15.106	165	121245	53.889	ng		93
58) Fluorene	15.800	166	367402	39.586	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.377	232	114532	44.603	ng	#	100
60) Diethylphthalate	15.565	149	410226	42.111	ng		96
61) 4-Chlorophenyl-phenyle...	15.788	204	204824	42.206	ng		95
62) 4-Nitroaniline	15.817	138	82562	44.022	ng	#	81
63) Azobenzene	16.082	77	410953	36.869	ng		89
65) 4,6-Dinitro-2-methylph...	15.870	198	69395	56.612	ng		94
66) n-Nitrosodiphenylamine	16.005	169	320626	39.801	ng		96
67) 4-Bromophenyl-phenylether	16.687	248	141022	43.692	ng		95
68) Hexachlorobenzene	16.810	284	152227	43.515	ng		95
69) Atrazine	16.951	200	136939	52.959	ng		97
70) Pentachlorophenol	17.151	266	198238	94.292	ng		99
71) Phenanthrene	17.545	178	593194	40.783	ng		97
72) Anthracene	17.639	178	607605	41.573	ng		97
73) Carbazole	17.903	167	559963	39.969	ng		96
74) Di-n-butylphthalate	18.461	149	685322	43.614	ng		98
75) Fluoranthene	19.554	202	727607	41.484	ng		98
77) Benzidine	19.724	184	132312	27.196	ng		99
78) Pyrene	19.912	202	726919	41.469	ng		95
80) Butylbenzylphthalate	20.794	149	303234	45.850	ng		97
81) Benzo(a)anthracene	21.775	228	736638	42.482	ng		99
82) 3,3'-Dichlorobenzidine	21.681	252	133623	24.097	ng	#	96
83) Chrysene	21.840	228	716233	43.080	ng		96
84) Bis(2-ethylhexyl)phtha...	21.675	149	431475	45.769	ng	#	96
85) Di-n-octyl phthalate	22.927	149	733372	45.868	ng		97
87) Indeno(1,2,3-cd)pyrene	28.937	276	879727	45.438	ng	#	96
88) Benzo(b)fluoranthene	24.061	252	781805	42.630	ng	#	96
89) Benzo(k)fluoranthene	24.131	252	751998	43.218	ng	#	98
90) Benzo(a)pyrene	24.965	252	752732	44.964	ng	#	97
91) Dibenzo(a,h)anthracene	29.008	278	746690	46.146	ng	#	95
92) Benzo(g,h,i)perylene	30.130	276	739806	45.340	ng		97

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

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