Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049195.D
Acq On : 7 Jul 2021 11:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/8/2021 12:40:15 PM

Quant Time: Jul 07 12:54:21 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	8.087	152	35238	20.000	ng	# 0.00
21) Naphthalene-d8	10.907	136	137992	20.000	ng	# 0.00
39) Acenaphthene-d10	14.732	164	99064	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	227306	20.000	ng	# 0.00
76) Chrysene-d12	21.765	240	217858	20.000	ng	0.00
86) Perylene-d12	25.067	264	229395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	168459	74.878	ng	0.00
7) Phenol-d6	7.241	99	247210	77.071	ng	0.00
23) Nitrobenzene-d5	9.256	82	264136	81.155	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	141000	82.105	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	589692	80.310	ng	0.00
79) Terphenyl-d14	20.084	244	994605	77.361	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.510	88	35783	36.227	ng	# 86
3) Pyridine	3.915	79	101985	38.187	ng	92
4) n-Nitrosodimethylamine	3.827	42	58488	38.559	ng	# 87
6) Aniline	7.405	93	145271	37.200	ng	# 95
8) 2-Chlorophenol	7.646	128	94241	38.179	ng	92
9) Benzaldehyde	7.217	77	69634	41.274	ng	# 87
10) Phenol	7.264	94	122592	38.046	ng	90
11) bis(2-Chloroethyl)ether	7.499	93	86522	36.814	ng	86
12) 1,3-Dichlorobenzene	7.975	146	103864	37.621	ng	95
13) 1,4-Dichlorobenzene	8.122	146	105988	38.177	ng	98
14) 1,2-Dichlorobenzene	8.439	146	101672	38.040	ng	94
15) Benzyl Alcohol	8.322	79	107580	38.088	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.610	45	143996	36.091	ng	86
17) 2-Methylphenol	8.527	107	82545	38.017	ng	95
18) Hexachloroethane	9.179	117	41439	37.379	ng	97
19) n-Nitroso-di-n-propyla...	8.892	70	87164	37.812	ng	95
20) 3+4-Methylphenols	8.856	107	112753	37.459	ng	94
22) Acetophenone	8.909	105	162394	39.452	ng	# 97
24) Nitrobenzene	9.297	77	138243	39.200	ng	94
25) Isophorone	9.820	82	234358	37.486	ng	97
26) 2-Nitrophenol	10.008	139	57400	40.884	ng	93
27) 2,4-Dimethylphenol	10.067	122	81458	38.671	ng	99
28) bis(2-Chloroethoxy)met...	10.302	93	113136	38.376	ng	98
29) 2,4-Dichlorophenol	10.548	162	100029	39.597	ng	90
30) 1,2,4-Trichlorobenzene	10.766	180	116956	39.313	ng	96
31) Naphthalene	10.960	128	310198	38.609	ng	97
32) Benzoic acid	10.219	122	62568	38.245	ng	# 73
33) 4-Chloroaniline	11.060	127	127932	38.509	ng	96
34) Hexachlorobutadiene	11.242	225	87394	39.761	ng	95
35) Caprolactam	11.847	113	32388	40.396	ng	# 53
36) 4-Chloro-3-methylphenol	12.182	107	113750	39.133	ng	97
37) 2-Methylnaphthalene	12.564	142	236518	39.092	ng	98
38) 1-Methylnaphthalene	12.781	142	222098	38.762	ng	92
40) 1,2,4,5-Tetrachloroben...	12.928	216	139185	40.273	ng	97
41) Hexachlorocyclopentadiene	12.905	237	80827	39.483	ng	95
43) 2,4,6-Trichlorophenol	13.163	196	94420	39.564	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.239	196	101589	38.926	ng		92
46) 1,1'-Biphenyl	13.563	154	300437	40.597	ng		98
47) 2-Chloronaphthalene	13.610	162	233077	38.274	ng		98
48) 2-Nitroaniline	13.803	65	87287	39.310	ng		98
49) Acenaphthylene	14.456	152	376380	39.203	ng		96
50) Dimethylphthalate	14.179	163	306589	38.563	ng		98
51) 2,6-Dinitrotoluene	14.297	165	70255	38.547	ng		96
52) Acenaphthene	14.796	154	233634	39.046	ng		97
53) 3-Nitroaniline	14.632	138	68072	38.883	ng		95
54) 2,4-Dinitrophenol	14.838	184	43815	37.915	ng		92
55) Dibenzofuran	15.131	168	378629	38.870	ng		98
56) 4-Nitrophenol	14.937	139	56340	39.491	ng		95
57) 2,4-Dinitrotoluene	15.084	165	103154	39.844	ng		94
58) Fluorene	15.778	166	309090	38.366	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.355	232	97698	40.215	ng	#	95
60) Diethylphthalate	15.537	149	329394	39.100	ng		97
61) 4-Chlorophenyl-phenyle...	15.766	204	175637	39.388	ng		98
62) 4-Nitroaniline	15.795	138	70357	38.687	ng		85
63) Azobenzene	16.060	77	317832	37.423	ng		89
65) 4,6-Dinitro-2-methylph...	15.854	198	67489	41.565	ng		96
66) n-Nitrosodiphenylamine	15.983	169	275354	38.733	ng		99
67) 4-Bromophenyl-phenylether	16.665	248	119456	38.955	ng		91
68) Hexachlorobenzene	16.782	284	131986	38.932	ng		97
69) Atrazine	16.929	200	100378	42.517	ng		96
70) Pentachlorophenol	17.129	266	79812	40.445	ng		97
71) Phenanthrene	17.523	178	499880	38.190	ng		97
72) Anthracene	17.611	178	499296	38.265	ng		99
73) Carbazole	17.881	167	470515	37.821	ng		96
74) Di-n-butylphthalate	18.433	149	549475	38.415	ng		98
75) Fluoranthene	19.526	202	622678	37.999	ng		98
77) Benzidine	19.702	184	221464	47.326	ng		99
78) Pyrene	19.890	202	626669	38.728	ng		97
80) Butylbenzylphthalate	20.772	149	236400	38.562	ng		94
81) Benzo(a)anthracene	21.747	228	607202	37.367	ng		99
82) 3,3'-Dichlorobenzidine	21.659	252	205632	37.199	ng		100
83) Chrysene	21.812	228	582490	37.733	ng		98
84) Bis(2-ethylhexyl)phtha...	21.641	149	331416	38.275	ng		97
85) Di-n-octyl phthalate	22.881	149	555753	38.136	ng		97
87) Indeno(1,2,3-cd)pyrene	28.856	276	704587	38.493	ng	#	95
88) Benzo(b)fluoranthene	24.015	252	627465m	37.904	ng		
89) Benzo(k)fluoranthene	24.091	252	611270	38.707	ng		99
90) Benzo(a)pyrene	24.914	252	584908	38.303	ng	#	97
91) Dibenzo(a,h)anthracene	28.927	278	598463	38.736	ng	#	97
92) Benzo(g,h,i)perylene	30.037	276	585928	38.473	ng		97

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

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