Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049824.D
Acq On : 12 Aug 2021 19:15
Operator : CG/JU
Sample : M3340-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
205-239-929MSD

Manual Integrations APPROVED
mohammad
8/13/2021 5:12:59 PM

Quant Time: Aug 13 02:14:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.039	152	39545	20.000	ng		0.00
21) Naphthalene-d8	10.859	136	166435	20.000	ng	#	0.00
39) Acenaphthene-d10	14.689	164	109453	20.000	ng		0.00
64) Phenanthrene-d10	17.444	188	206960	20.000	ng	#	0.00
76) Chrysene-d12	21.732	240	165718	20.000	ng		0.00
86) Perylene-d12	25.016	264	176130	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.595	112	226847	102.832	ng		0.00
7) Phenol-d6	7.205	99	316700	94.840	ng		0.00
23) Nitrobenzene-d5	9.208	82	223728	59.484	ng		0.00
42) 2,4,6-Tribromophenol	16.187	330	140711	87.462	ng		0.00
45) 2-Fluorobiphenyl	13.308	172	471043	62.621	ng		0.00
79) Terphenyl-d14	20.052	244	601208	65.890	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.445	88	28975	30.057	ng		92
3) Pyridine	3.857	79	70947	26.849	ng		87
4) n-Nitrosodimethylamine	3.768	42	55252	38.885	ng	#	82
6) Aniline	7.358	93	104042	29.398	ng		95
8) 2-Chlorophenol	7.604	128	109166	45.389	ng		97
9) Benzaldehyde	7.164	77	87552	39.293	ng		94
10) Phenol	7.234	94	140500	43.423	ng		93
11) bis(2-Chloroethyl)ether	7.452	93	90541	41.444	ng		90
12) 1,3-Dichlorobenzene	7.922	146	117599	42.692	ng		99
13) 1,4-Dichlorobenzene	8.074	146	117220	42.040	ng		98
14) 1,2-Dichlorobenzene	8.392	146	117249	44.388	ng		97
15) Benzyl Alcohol	8.280	79	119113	42.473	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.562	45	102328	41.222	ng		98
17) 2-Methylphenol	8.491	107	98354	46.161	ng		96
18) Hexachloroethane	9.120	117	46774	43.639	ng		95
19) n-Nitroso-di-n-propyla...	8.844	70	88700	39.693	ng	#	90
20) 3+4-Methylphenols	8.820	107	132771	44.369	ng		98
22) Acetophenone	8.867	105	179008	39.589	ng	#	95
24) Nitrobenzene	9.249	77	145310	36.613	ng		98
25) Isophorone	9.772	82	232882	34.699	ng		98
26) 2-Nitrophenol	9.966	139	60700	40.076	ng		97
27) 2,4-Dimethylphenol	10.025	122	100528	44.907	ng		94
28) bis(2-Chloroethoxy)met...	10.254	93	124727	42.483	ng		93
29) 2,4-Dichlorophenol	10.506	162	114409	41.647	ng		95
30) 1,2,4-Trichlorobenzene	10.718	180	123594	40.861	ng		95
31) Naphthalene	10.912	128	340794	39.098	ng		99
32) Benzoic acid	10.201	122	66218	42.519	ng	#	73
33) 4-Chloroaniline	11.017	127	73262	21.290	ng		96
34) Hexachlorobutadiene	11.188	225	88326	40.184	ng		93
35) Caprolactam	11.810	113	33356m	39.299	ng		
36) 4-Chloro-3-methylphenol	12.151	107	125938	39.688	ng	#	91
37) 2-Methylnaphthalene	12.515	142	254935	38.825	ng		96
38) 1-Methylnaphthalene	12.733	142	234250	37.959	ng		95
40) 1,2,4,5-Tetrachloroben...	12.885	216	139960	43.398	ng		98
41) Hexachlorocyclopentadiene	12.856	237	68041	41.000	ng		93
43) 2,4,6-Trichlorophenol	13.126	196	93298	42.912	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049824.D
Acq On : 12 Aug 2021 19:15
Operator : CG/JU
Sample : M3340-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
205-239-929MSD

Manual Integrations APPROVED
mohammad
8/13/2021 5:12:59 PM

Quant Time: Aug 13 02:14:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.203	196	100176	42.470	ng		88
46) 1,1'-Biphenyl	13.520	154	310027	39.770	ng		97
47) 2-Chloronaphthalene	13.567	162	253148	40.657	ng		98
48) 2-Nitroaniline	13.773	65	88364	38.650	ng		94
49) Acenaphthylene	14.413	152	391512	39.673	ng		96
50) Dimethylphthalate	14.143	163	314926	38.136	ng		98
51) 2,6-Dinitrotoluene	14.266	165	68636	37.749	ng		91
52) Acenaphthene	14.754	154	227298	38.235	ng		92
53) 3-Nitroaniline	14.601	138	54981	31.008	ng	#	99
54) 2,4-Dinitrophenol	14.812	184	33624	32.574	ng		99
55) Dibenzofuran	15.088	168	361995	37.536	ng		95
56) 4-Nitrophenol	14.924	139	102490	79.119	ng		96
57) 2,4-Dinitrotoluene	15.059	165	93552	36.633	ng		94
58) Fluorene	15.740	166	290651	37.080	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.317	232	80674	36.825	ng		95
60) Diethylphthalate	15.500	149	312464	37.621	ng		96
61) 4-Chlorophenyl-phenyle...	15.729	204	158991	38.002	ng		92
62) 4-Nitroaniline	15.764	138	59750	32.759	ng		93
63) Azobenzene	16.022	77	301553	34.303	ng		89
65) 4,6-Dinitro-2-methylph...	15.829	198	25198	18.942	ng		89
66) n-Nitrosodiphenylamine	15.946	169	245447	41.973	ng		97
67) 4-Bromophenyl-phenylether	16.622	248	101987	41.842	ng		94
68) Hexachlorobenzene	16.751	284	111928	41.332	ng		97
69) Atrazine	16.898	200	97777	41.799	ng		96
70) Pentachlorophenol	17.103	266	125082	86.140	ng		99
71) Phenanthrene	17.491	178	447084	41.060	ng		98
72) Anthracene	17.579	178	433034	40.495	ng		98
73) Carbazole	17.849	167	379035	37.425	ng		98
74) Di-n-butylphthalate	18.396	149	453523	38.413	ng		98
75) Fluoranthene	19.500	202	533670	39.830	ng		99
77) Benzidine	19.676	184	79513	18.726	ng		97
78) Pyrene	19.864	202	548240	48.526	ng		98
80) Butylbenzylphthalate	20.734	149	185736	43.167	ng		97
81) Benzo(a)anthracene	21.709	228	469163	43.472	ng		99
82) 3,3'-Dichlorobenzidine	21.621	252	130569	41.436	ng		98
83) Chrysene	21.779	228	463046	44.885	ng		95
84) Bis(2-ethylhexyl)phtha...	21.597	149	261820	42.988	ng		94
85) Di-n-octyl phthalate	22.825	149	418416	40.666	ng		99
87) Indeno(1,2,3-cd)pyrene	28.782	276	460350	36.242	ng		98
88) Benzo(b)fluoranthene	23.976	252	499678	43.256	ng	#	95
89) Benzo(k)fluoranthene	24.041	252	459801m	42.673	ng		
90) Benzo(a)pyrene	24.863	252	472801	45.227	ng	#	94
91) Dibenzo(a,h)anthracene	28.846	278	386183	36.079	ng		97
92) Benzo(g,h,i)perylene	29.968	276	323787	30.877	ng		93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049824.D
Acq On : 12 Aug 2021 19:15
Operator : CG/JU
Sample : M3340-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
205-239-929MSD

Manual Integrations APPROVED
mohammad
8/13/2021 5:12:59 PM

Quant Time: Aug 13 02:14:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration